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AĈAPAĈAĈAĈA: AĈAĈACA#AJAĈA, AĈA#AĈAAAJAĈAĈAĈAĈAĈAJA: ASAXAJASAĈAĈAAAQAĈA: AWAĈA#AĈAJA ĜAPAĈA: AĈA: AĈAĈAĈACA#AJAĈA, APA: ASA|

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AWAŶA: AŶAŶAŶAŶAŶAAAŶA: ACA#AJA: AŶAPAŶAŶAŶAŶAŶAJASAŶAQAŶA#A#AŶAŶAJAŶAŶA#ALAAA

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AĈAĈAĈAJA: ASAĈA9AĈA#ASAJA: APAĈAJAĈAPAĈA: A9AĈACAĈA#AJAWAĈAĈAPA: A, AĈA9AĈA#AĈAQAĈA: AĈA JAPA: AĈA#A9A#APASA: AJAĈAXA#AĈAĈAAAĈA: AĈAPAĈA~AJAYAĈA: AJAXAĈAĈAĈA: AĈAPAĈAJAĈAĈAĈA A: AĈAĈA#AAAĈAAAĈAPAJAĈA: AUA#AĈAYAAA^AAAYAĈAPA~AĈAĈAJAKAĈAĈAĈAAAĈAAAĈAĈAĈAJAĈAŶAŶAĈA : AĈAĈA#AĈAWAPAĈAĈA#A|

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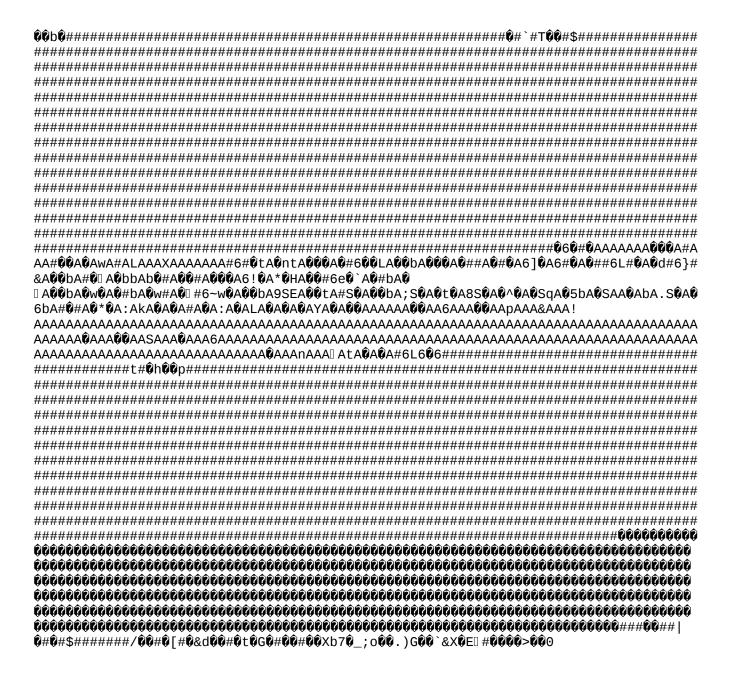
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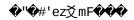
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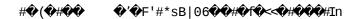
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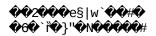


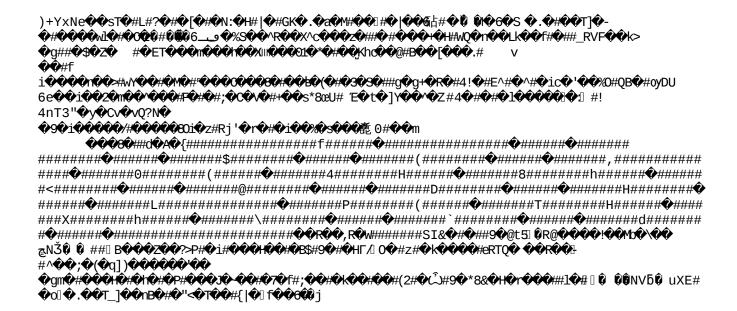


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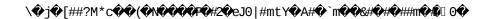
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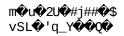
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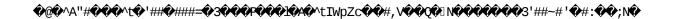
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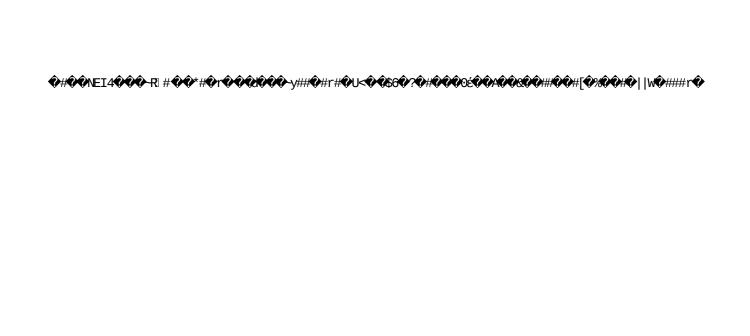
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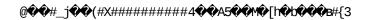
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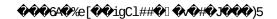
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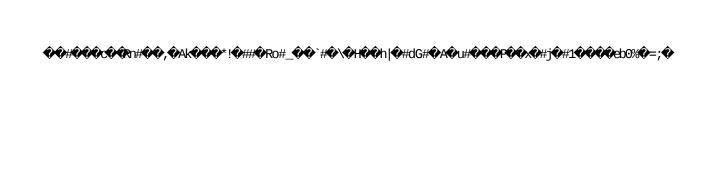
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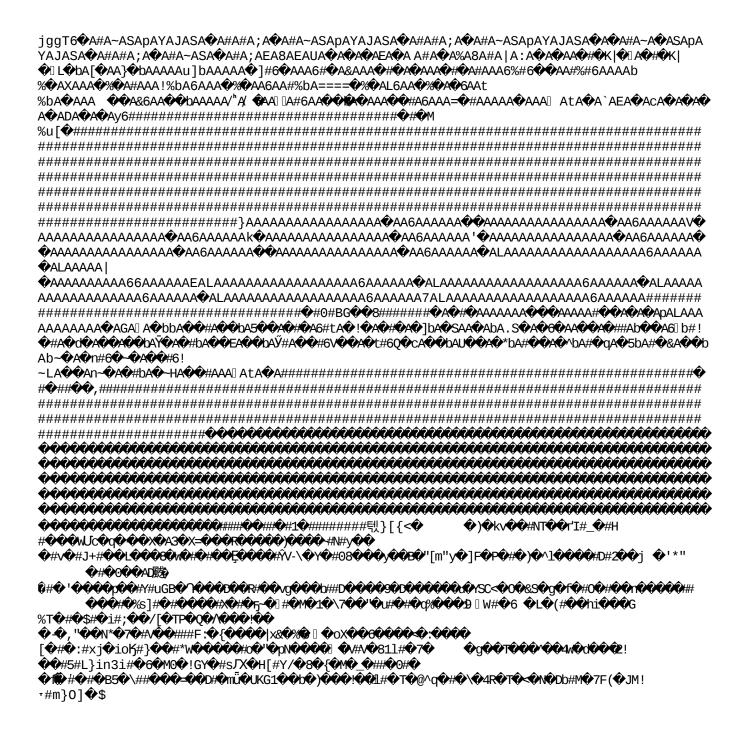
 $\hat{\mathbf{v}} \sim \hat{\mathbf{v}} + \mathbf{v} + \hat{\mathbf{v}} + \hat{\mathbf{v}$

 $\label{eq:local_$

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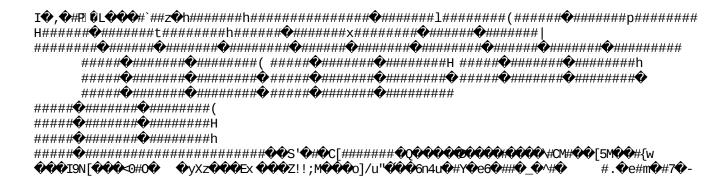
 $^{h}\# \hat{\mathbf{v}} = \hat{\mathbf{v}} + \hat{\mathbf{v}}$

 $\label{eq:control_to_control_to$

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 $\label{eq:locality} $$ \frac{1}{4} \cdot \hat{\mathbf{v}} = \frac{1}{4} \cdot \hat{\mathbf{v}} \cdot \hat$

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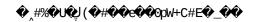
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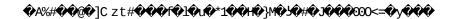
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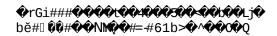


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ŶŢĬ".#Ŷſ₽Ŷ###OŶ62ŶŶ#2ĬŶ#MKŊĠŶŶ₽Ŷ#ŶŶŴŶŶĦŶ\$q\$ŶŶAĬDŶ1XĔŶŶŶĊŶŶ ���#U\$ZŌn�:�O#6+��#�i�o�m������Z]����JD�## *\$#\$@MO#N<\$,\$\$\$##\$#4X\$6.\$:N\\$\\\$\$E\$#\$\$z\$,\$\$\$\$)#n]\$\pY\${;\$z \$*\'\$\!D\$M\$#'#\$#|\$\$m\$j ���� w5!�k���#�����'!��������|Z�K�YM�#^# �����]j�a��s ŶX#XUŶ1ŶŶŶŊ\WŶŌŌŶLZĨŶV#Ŷ}\WŶaŶŶŶ#SŶŶ"-ŶŶS'ŶZŶPŶ5V)ŶŶ%-\$\psi \\\ \phi \rangle \quad \ 4**%**/L**��** #C�5"�#�?#�C�#2��'��Z#��Zn��+#*���HE##���SB h**�**R#**�**/**�†�**C

$$\label{eq:proposition} \begin{split} &\#\hat{\mathbf{Q}}\hat$$

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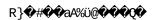
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�3�e|CK#�&M_u(����r*�eu��[#F�#vY��TR�1�p�##�R�+*�f=#��\$9pI�n#IC�#iA}|L? �#�FGK��#�(#D=0�2��#0#T�v#M��f�h#| 7���tsL�{�Yq�#�LQ#F:#s#��PH��#J���\$���#3�������*�*�\$\\$\\$\#\'\�!�LSg�#��� $\hat{\mathbf{V}} \hat{\mathbf{V}} \hat{\mathbf$



ŶĸŶŶŶŶŶ#AK#Ŷ;JŶŶF\$ŶŶ#ŶŶŶ#ŶŶ#A\$_Ŷ!ŶŶŶ#LŶV8Ŷ#ŶŶWTΠ#ŶŶŶŶĊŶ! &Ŷ#Ŷ7ŶŔ6Ŷ6#□ŶFŶŶŶZŶνp3ŶŎjŶŶŶŶĊŊĸŶ*t#*ŪŶDŽ3 ŶŶ*hŶ7ŶŶŶŶ!#QŶĊŶjŶ##4~#CŶ> \$\psi \(\tilde{

�Y[�M6�#5r#4��p<�F=�i,�Q�"#4��Y� Ӄур��|#,#��4Ҹ�#���h0<w|i�.�{��f#��^�\$ WE#���#hi $y @#@#@h@; @@#$@@N@D@@@#L@@-p@#p@#M\\ p @q!@@##0@@Q@be*@%d@H@`#F@@@@$&$&`@@@d@@}i@[@KE]6@#Mp##~@@,GS@@@@et@2@@@En5#$^$ bw@r##w@$



 $\ref{eq:continuous} \ref{eq:continuous} \ref$



#K

 $\label{eq:linear_control_co$

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��s #��#r���#x���#(�U7�#���#),��#������#@�}#H�M^H:#�\*�?
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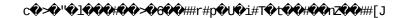


��[�m�{#�#�7�h�p%��t:�c%����# *��\#��A $\hat{\mathbf{v}}_{2} \hat{\mathbf{v}}_{1} \hat{\mathbf{v}}_{2} \hat{\mathbf{v}}_{2} \hat{\mathbf{v}}_{3} \hat{\mathbf{v}}_{1} \hat{\mathbf{v}}_{4} \hat{\mathbf{v}}_{4} \hat{\mathbf{v}}_{1} \hat{\mathbf{v}}_{4} \hat{\mathbf$

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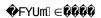
 $\label{eq:control_problem} $$ $ \#D \otimes P + C \# - Q + Q \otimes P + Q$

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$$\label{eq:continuous_property} \begin{split} q \hat{\boldsymbol{v}} b L p \hat{\boldsymbol{v}} \hat{\boldsymbol{v}} & \hat{\boldsymbol{v}} | \$t d B c A 4 9 Q \# L'' \wedge \# \hat{\boldsymbol{v}} I \hat{\boldsymbol{v}} n \hat{\boldsymbol{v}} + \hat{\boldsymbol{v}} G. 2 s \hat{\boldsymbol{v}} T \hat{\boldsymbol{v}} 2 \# \hat{\boldsymbol{v}} \hat{\boldsymbol{v}} n \hat{\boldsymbol{v}} M | 7 \\ & \hat{\boldsymbol{z}} \times \hat{\boldsymbol{v}} @ 6 \hat{\boldsymbol{v}} S \hat{\boldsymbol{v}} J \# \# \hat{\boldsymbol{v}} \hat{\boldsymbol{v}} \wedge \hat{\boldsymbol{v}} \hat{\boldsymbol{v}} G \hat{\boldsymbol{v}} J L \# \hat{\boldsymbol{v}} T \hat{\boldsymbol{v}} M J \hat{\boldsymbol{v}} N \hat{\boldsymbol{v}} - \hat{\boldsymbol{v}} \hat{\boldsymbol{v}} - \hat{\boldsymbol{v}} \# - \hat{\boldsymbol{v}} \hat{\boldsymbol{v}} + \hat{\boldsymbol{v}} \frac{2}{3} \# \hat{\boldsymbol{v}} \hat{\boldsymbol{v}} + \hat{\boldsymbol{v}} \hat{\boldsymbol{v}}$$

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   ##�`#w2�#�î2��#�+�#�??ZO�(/�h�\�#B���:��]#�}��}��
%7����iα₽� #�O#��H1N3(₽����!k�M�(��3� �#�R&
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  &���#�n#�w�#m"%#I�u!?�:�sN�#*��`�i�N���;:�����]i�6��D2�;#��2#��#?
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����K�#&2.�#Crv[]�#=#G>4TE�@���Ui�v,�*�t�#��!�!e��s|'[&&�#d��'' ]#G:�>��N�2�|�!
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���#�*�!��\$&�#W��C7#I5���?P����#?rh)
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ŐŶŶŶŹŶŢŊŶ*Ř[ŶŶ#ŶŶ#]?OŶŶŶŶ#ŶŶŒŶďŶŶŶŶŦŶ#Ŷ#;ŶŶZŶ#Ŷ! VŶŶŶŶĸ#*ŶXDŶŶ#ŶŶ#ŶŶ#ŶŶŒŶŶŊX'#!VſŶŶţŶŶŢĸ%



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zŶŊŶ@ŶĠŶŶĦŎŶŧŶĦŶŶb}AŶĦŶŶŶĠĹŢĦŢŶ₽ŶŶŶĦŢſĠĦŶĦŶŶŔŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶ
G�Ե{J燎�#���#�44 huf�`�#�#��P#qtz#Ul�#�#��#)H�M�#�#k}�`Z��#��`��a#la#�wo
%e�6m�#���.�'��IW��
b���n�d#a##WY�A��14��iH�*#��Ub�H��b��#���7�<�#�|\�B)�8�6@_�t#. ��s� ��w�������
XŶAŶŶ+Ŷ$$ŶĊ##ŶŶĠŶĨ*rŶ<Ŷ$ŶŶ#Ŷ8FŶŶi*ŶE#Ŷ?ŶMŶĊĠŶŶ
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��!#t�@Q#���G_#���%q�p�*]�cq#!�B����];�G�p�#����|W##��r#�s� �<#��.�? �#��#��ayK�#�*EK*#�KT�^�#�####��&dy�##;

 $\label{eq:wkpower} Wk & 5 & \text{0} + h & \text$

$$\label{eq:control_fit} \begin{split} \text{$\hat{\textbf{U}}$} &\# A \, \hat{\textbf{U}} \, n \, \, \, \hat{\textbf{U}} \,$$



�\��n&�f��18'@�����#�*7��#�#���:�#F�!V##\$�!� ��#�7#+##7� �����'��������! 04}\$(,##\$ts{#\$r\$fNP#\$'\$;r\$7\$#\$\$\$\$\$\$(D#\$6\$-\$#0#0\$\$B WM/I00#\$ *****\$\c\rightarrow\ 60#k00'1010a0L03#^0#0|05*08H#QU10#0J0L0k0N00{0#S Ŷr!\`#''�)ŶVu����Hd#\$��(V]##9�V��#L�~t.)jU|�&#]''��oF�8M/#���A����HQtAJ�#��H�GGfn��#O ŶuŶŀ\R#gŶe#rŶŶ''UfŶ&ŶŦŶŅNŶŶŶŦŶ{ŶE`#I [ŶŶy##ŶGe#BŶ#qŶŶŶNtvIŶŶŶŶŒŶĠŶŶ&ŶFŶŶŶŶŶŶŶŶŶŶŶ **\$\$\$\$#\$**#\$0\$#\$\$\$\$#\$*\$\$#\$\$,

5X**00**MT#T#**0**\A#0**00#0#0**#**0**#**0**#**0**#**0**#**0**

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���i�c�#\#e���##!#
□ ŶŶŶOŶ¢ŶŶŶ##ĠŶ##*Ŷ#ŶŶŶ$ZŶŶ#tHŶĄŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶ₽#₽ŶŶŶŶ#ŶO2C$ŶFŶ@5]MŶ#XŶ79ŶŶĨŶŔM^M^M^#IJ
�w#�2����R##q��;$�>�7#��^�������-�#���(#�&\z#��������\$#��[������]�
##z*�a^Ě"coXTG�8~#BVU@7V#���k�!��LZA�7#��#[#�;##�H��Vv#=��'�#�#d\= I�������11Z
�9#�3���
             qh�#���M��|F�4#�]51rb��|�̂��]|�#�#R�'�0�:j/�%~X#��E�B#(��#W#�Ĭ�
[] ##N�-�| #�����##n��u
[��������]#�dN[] V�E^^�b�519L9��^## ��W|��#U��# ��[]#��#�F?��!
Ŷ{ŶŶ)#Ŷ#^ĿŶ"OŶŶŶŶŶŶ\ŴŶĠŶſĿŶ?ŶŶŶŶĤ#]ŶxŎŶŶŶŶŶŶŶŶŶ$t#Ŷ\ Û
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��#?�#�$��#m/X*b��z�$Vħ₫#Ro����$�P「$�p���ñ�.#�B#!������1#�ֈ`##X��6\�7f�7X�?
$0$$K#$qq$#$$$m$K×*
0&#&H$1@$5@$*cNI$#X'$|q$6$*$$$$7$0$#$UB$@$$#=$]$Koq$$A?$##$#$#'t|
(G#ĈŶ�#�□��# �#�# �###9�L�X;X�V��|#�!
J���d����.74�v�#/�$]���1�.4&0��Z�00��H���H��#HDc��I1
                                            ,#-8$z$$#/v7|S$6$13$U$$
��6��}�dYU#�J#�OA�#��a�d����H��]F�]b�##�J#wI�RS�J_3�}�a##���
□ CŶŶ#ŶŶXŶŶĦŶſŶ#ŶŶ2JŶ#ŶŶ#H^71ŶF3$k4�Ŷ#ŶŶ!#ŶŶ-
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%=#�v��t*H^'���T�(�����
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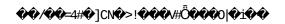
 $\label{eq:continuity} $$\hat{\mathbf{Q}}_{\mathbf{Q}}^{\mathbf$



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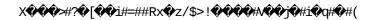
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\label{eq:weak_property} $$ w$ $$
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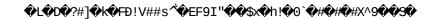
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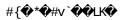


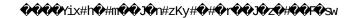


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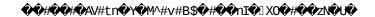
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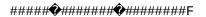
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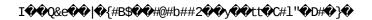






+\$#{{\$\hat{\phi}\d

 $\label{eq:continuity} $$ d^{\circ}_{i}, d^{\circ}_$





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 $WV \hat{\mathbf{O}} \hat{\mathbf{O}}$

 $\label{eq:mu-vector} $$ Ymu \hat{\mathbf{Q}}_{\text{V}}, \#\check{\mathbf{n}}, m\hat{\mathbf{Q}} H \hat{\mathbf{Q}}_{\text{V}} \hat{\mathbf{Q}}_{\text{V}}$



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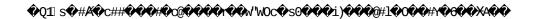
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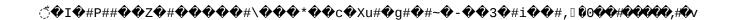


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#**Ŷ#**\$\$ŶŶ\$ŶĬŶĬ^?4ŶXŶŢŶŶŶŶŶŀŶĿ#ŶŶŶZŶĦŶŶDŶĿŶ\$Ū□-Ŷ#ŶOMŶP|ŶŶŶŶXĦŶ1-ŶĸĦ□ĬFŶ#□KŶ√Ŷ-#**�**v�:.�#��7�>��\$###~Nj��p�8� **(1)** A(1) **(1)** (1) **(2)** (1)

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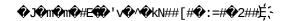
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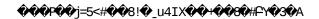
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AŶAŶAŶAŶAHALAŶA|AŶAQAŶANAOApAŶACALAŶAWALAŶAŶA:AŶAŶALAŶAJA#A,AŶAŶAXANA|
AŶAŶAŶAJA: ASAŶALAŶAŶAYADA: ADAŶAŶA#AJAŶADAWAŶALA#A#AŶAXA~ALAHAUAŶAEAŶAVAŶA#AUA8AŶA#A
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AŶAŶAŶAŶA#ALAŶAŶŶſŶ#ŶŶŶŁŶŶ#ſŶŁĸŶAŶAŶAŶAŊA, AŊAŶALAŶAŶAŶA#ALAŶAAAAADŶŶŶXV#G#PŶAŶŶŶĠ
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AŶAWALAŶAŶA:AŶAŶALAŶAJA#A,AŶAŶAXANA|
AŶAŶAŶAJA:ASAŶALAŶAŶAYAPA:APAŶAŶA#AJAŶAPAWAŶALA#A#AŶAXA~ALAHAUAŶAEAŶAVAŶA#AUA8AŶA#A
ŶAEAŶACA_AŶAŶA:ANAŶAŶAŶAPADA~ADAŶA:AŶAŶAŶAŶAŶA:ANAŶAŶAŶAŶAŶAŶAŶA
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LAŶAŶAQAJAŶAŶAŶA#ADA:AŶA|AŶAŶAŶANAQADAŶACALAŶAWALAŶAŶA:AŶAŶALAŶAJA#A,AŶAŶAXANA|
AŶAŶAŶAJA:ASAŶALAŶAŶAYADA:ADAŶAŶAŶA#AJAŶADAWAŶALA#A#AŶAXA~ALAHAUAŶAEAŶAVAŶA#AUA8AŶA#A
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ŶAWALAŶAŶA:AŶAŶALAŶAJA#A,AŶAŶAXANA
AŶAŶAŶAJA:ASAŶALAŶAŶAYADA:ADAŶAŶAŶA#AJAŶADAWAŶALA#A#AŶAXA~ALAHAUAŶAEAŶAVAŶA#AUA8AŶA#A
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ŶŶŶĴ;SŶĿŶŶŶſijĎŶijŶſŴĿ##Ŷx~ĿĦŨŶĔŶŶŶĦŨŔŶĦŶĔŶĊŶ;ŊŶŶĸĸĎŶŶŶĬŊĬŶŶŶĸŎŶĸŶĸŎĸŎĸŶŶŶŶŶ
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ŶŶŶĴ;SŶĿŶŶŶſĎ;ĎŶ#ĴŶſĬŴĿ##ŶX~ĿĦŨŶĔŶŇŶ#ŨĔŶĸŶ#ŨĔŶĊŢŶ;ŇŶŶŊĸſŶŶŶŶ;ŊĬŶŶŶŊŢŶĊĦŶŔŶŔŶŔŶŔŶŔ
#AŶAŶALAŶAŶAŶAŶALAEA|AŶAŶANAOApAŶACALAŶAWALAŶAŶA:AŶAŶALAŶAJA#A,AŶAŶAXANA|
AŶAŶAŶAJA: ASAŶALAŶAŶAYADA: ADAŶAŶA#AJAŶADAWAŶALA#A#AŶAXA~ALAHAUAŶAEAŶAVAŶA#AUA8AŶA#A
ŶAEAŶACA AŶAŶA:ANAŶAŶAŶAŶAŶAAA-ApAŶA:AŶAŶAŶAŶA.ANAJAŶAYAŶApA:AŶACA#AŶA|YŶNOŶĊŶĿŶUĿŶ|
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AJAŶAYAŶApA:AŶACA#AŶAŶAYAŶA:AŶAŶA~AJA#A,AŶAŶA#ASAJAŶAYAŶApA:AŶACA#AŶAŶAŶAŶAŶAŶA
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| ~A\$G#6`\$\$A\$\$#6N\$A\$\$bA\$\$7A\$#\$A\$#\$A\$\$bA\$#\$A\$\$bAM#\$A\$LbA<#\$A\$\$bA2#\$A\$#\$A\$#\$A\$#\$A\$L#6##\$A\$1 |
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 $\label{eq:control_lower_lower} $$ 10\#R \cdot \hat{\mathbf{Q}} \cdot \hat{\mathbf$

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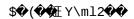
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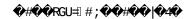
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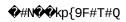






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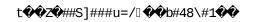
$$\label{eq:continuous_property} \begin{split} \# \hat{\pmb{\phi}} & sfP@\hat{\pmb{\phi}} tr \mathcal{S}\hat{\pmb{\psi}} \hat{\pmb{\psi}} + G\hat{\pmb{\phi}} \hat{\pmb{\phi}} - k\hat{\pmb{\phi}}\gamma jt XQ'' (\hat{\pmb{\phi}} r + \hat{\pmb{\phi}} 7\hat{\pmb{\phi}} 61\hat{\pmb{\phi}} l ''\hat{\pmb{\phi}} \#\hat{\pmb{\phi}} JQ \} Y \hat{\pmb{\phi}} \hat{\pmb{\phi}} + V \hat{\pmb{\phi}} \hat$$

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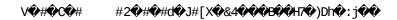
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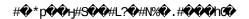
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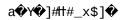
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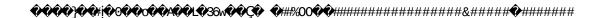
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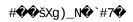
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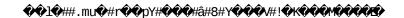
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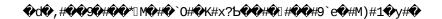
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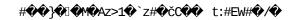
- ��>n��R�#��� �)A�F��*�p�#R�D�#K#�#�\$#�+��M�##�#?�����#b�6��_E�#�a#����#I†�u8�F��_r���#�#�#��� **ŶŶ**r#**Ŷ**##**!**ŶŶV#u#**ŶŶ%**J**ŶŒ**

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\[\dagger_-\dagger\dag

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7. ÜŶjŶ#|ŶŶ7ŶŶ:&**E**ŶĐŶz.#-ŶħŶŶŶ#ŶŊďŒ¬>ĊŶŶ:Ŷp#L(ŶŶŶŶOŶĂŶŴŶ##+Ŷn| #[cŶ_`ŶŶ*#Ŷ##&0##KvŶ#YŶ₽Ŷ5Ŷ[#Ŷ#ŶŶ#ŶŶ#ŶŶ#ŶŶ#ŶŶŶ#rŶŶ3.Ŷ#ŶŶŶ##ŶŶſ#ŶŶŶ1-WX#Ŷ'nŶ,K!\$Ŷŧ



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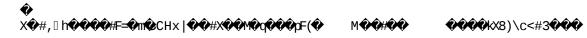
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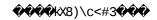




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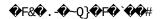
AJ+#AŶAKLŶ~ŶĠŶAĬ #AAUŶAAAnA#AŶA#AŶA: ASAAAnAŶŶŶŶŶŶŶŶA6AKĠŶAĬŶ5A, ŶŶAAAnA#AŶAJAŶAŶA#AA AdA^Ad#ŶA##ŶMŶĠ#AAAŶAŶAŶAŶAŶAŶAŶAŶAŶA#AŁAQAŶAJA#AAAŶAQ+ŶAJ+ŶAŶALŶĠA'Ġ ŶAĬŶŶA, ŶŶAAAnAUAŶAŶAŶAŶAŶA#AAAdAŶAd#ŶA##ŶMŶĠ#AAAŶAŶŶŶ~4ĠŶAĬAŶA, ŶŶAAA#AUAŶAŶAŶAŶAŶAŶAŶAŁAQ AŶAJA#AAAŶAQ+ŶAJ+ŶAVABAĠAŶĠVAĬ AAA#bŶAAAĬ A

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#ŸO�]u�#��#�\$1<��#�t�s#����)��J���ôb#C�#!]�V��xt��=>######### #A~ASADAYAJASAŶA#A#A:AŶA#A~ASADAYAJASAŶAŶA#A~AŶASADAYAJASAŶA#A#A:AŶA#A~ASAŶA#A.AEA8 AEA | AEAUAŶAUAŶAŶAVA#A | AŶA#A | A : AŶAŶAAŶ#ŶK |ŶŒAŶ#ŶK | %ba�aaa ��a&6aa��baaaaa/'N�aaiiia#6aa�����aa���#a6aaa=�#aaaaa�aaii ata�a`aea�aca�a�a� AHAŶ#ŶAVAŶAŶn#AKAŶA6d#AŶA#A6ŶA~AEAŶŶ#6ŶA#AŶ 'Abûaû Qaûûûaû#ûanûlaûûbaûû#aûûbaûû#aûûba5ûûaû#baûûaûû#6#ûûaûûtaûûqaû^#6ûûûaû5baûû ~A&G#6`&&N&A&&DA&&D7A&#&A&#&A&&DA&#DA&&DDAM#&A&DDA<#&A&&DA2#&A&#&A&#&A&#&A&#&A&D1 #6*#\$\A\$\P\DA#\$\A\$\P\DA#\$\A\$\P\DA\$\P\DA\$\P\DA\$\P\DA\$\DA\$\DA\$\A\$\DA\$\BA\$;XA\$\P\DA#\$\A\$\P\DA **\$#\$\$(A\$**}bA***\$**MA**\$\$**#At**\$\$**A6? #A��.A6�bA^�#A��#65�#A�H#A��A6_�A��A��yA�ĪA��#A��#A��\$A69�A-**\$\frac{1}{2}\frac{1}{**



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AAGA#6
AAAAAAAAAAAAAAAAAAAAAAAAAAAAA
        �AAA#AAAAA!
AEA�A�AXAYA�A:A�A#AXAYAYAJA#ACA�A:AwA�A#AYAJA�ADA�A:AAAAAAAAAAAAAAAAAA=========AAAA
%06AAAAAAAAAAA#A@A�A)AQATADA�A�A|
cC�%06#G�C�
==============::\®
#ŶX#ŶŶŶĿ#ŶŶŶŶŶŖŶĸŶŊŶĠĬŶ#ŊŶŶŶĬŶŊŶŊŶŶĬŶĸĸŊŶŶĬŶŊŖŶŶŶŶŶ
              JYŶNŶIKLŶŶ#ŶDŶ:NŶ
∠L�Y�:�kN������YJ ≒~�:�Y�w�#YJ�皇
#$$\wp$$E$$xY$:$$8##$$kpk$p$$#J~$C$L$Y$:$N$$$$$$$YJ \;\~$:$Y$w$#YJ$\
#$$wwp$$E$$xY$:$$8##$$kok$p$$#J~$$$$`$K$#$x#$$$0QAA`$Y$LW$#$p$:N$;$#$L$:$$$p:$N$$cU
�?JL�Y�:���N������J���YJ \|=\•$:�Y�w@#YJ�|#$�wD��E��XY�:��8##��XZ|Y�Y�`���
QYJ��w�`���YJ��wL��x#pN�����YJ ऱ!~�:�Y�w�#YJ�ऱ!
#$$wwp$$E$$xY$:$$8##$$kpk$p$$#J~$C$$`$$$$YJ$$w$`$$$$J$
�#��\@LK�#�L%98##�LE��XY�:�A�AA�#K�#�E��A#AAK�#�E��XY�:����
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###################\$4X|y�j#######$#��LAAAAAA�#nA�6AA2
ŶČŶ; Ŷ#IRŶSB1ŶAŶA:AŶAŶALAŶAJA#A,ALAŶAŶAŶAŊAŶAŶALAEAŶA~AJA#AŶAYAŶA:AŶALA9ALA|
A : A�AJA : A�A�A�ALA#A�AJAWAWADA : ASALAUA�A#ALA�AXAKA�ADA�ALA#AJAWA�A�ACALA9ALA�A�A�A�ALA
VA�AJA�ALA9ALA#A�A~A�A�AYAKA�A#ALA8A�A�ALA8A#A;A%A�A�A�A�AGL‱A6\����
YA�A:A�ALA9ALAI
A : A�AJA : A�A�A�A�ALA#A�AJAWAWADA : ASALAUA�A#ALA�AXAKA�ADA�ALA#AJAWA�A�ACALA9ALA�ACALA9ALA�A�ALA
VA�AJA�ALA9ALA#A�A~A�A�AYAKA�A#ALA8A�A�ALA8A#A;A
%AŶAŶAŶAŶAJA~A~AŶADAŶAJAŶAJAŶA;AŶAYAŶAŶAŶA#AŶA|AŶAEA#A;AŶAEAQA;AŶAŶA%A AŶAŶAŴAVA
AŶA AŶA#AŶA;A#A|AŶAŶAŶAŶAŶAEAŶAŶAYAŶA:AŶAŶA~AJA#A,AŶAŶA#ASA|
A:A�A�AL�bAé�A}�bAAAAAu]bAAAAA�]#6�AAA6#�A&AA�#�A�AA�#�A#AAA6%#6��AAb��AAA�
%$\partial A \taker A
#�=「��Or#######3]�#�AAAAAA���A#nAA#�qAqABAKALAAAA�AAAAAADA�]�A�#6 😥 �A�#6 🕏 �A ^#A
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�AŶďŶALŶŶAŶ##AŶŶFA6]ŶAŶŶ`AŶŶ#6UŶŶAŶŶĎATEAŶ*ŶA3WŶAŶŶĎAŶSAAŶAĎA.SŶAŶ66!AAAAA!ŶAAAſŶ|H
G#AAAAAAAD���XV#G#P�A���'6AAA6AAA�NOp�CL�wL��:�L�J#,�xN�Jp:0JY~x��:N��p~p�:���:N��
x: �p�YJp�AAAAAD���XV#G#P�A���'6AAA6AAA�NQp�CL�wL��:�L�J#, �xN�Jp:QJY~x��:N��p~p�:���
: N��x:�p�YJp�A�AQAQA�A A|
AŶAŶAŶANAQADAŶACALAŶAWALAŶAŶA:AŶAŶALAŶAJA#A,AŶAŶAXANAŶAJADA:AQAJAYA~AXAŶAŶAŶAŶA
�A�ADA~ADA�A:A�A�A�A�A�A:ANA�A�AXA:A�ADA�AYAJADA�A|Y�NQ�C�L�UL�|
                                                                                                                                                  ��L���� N���
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                                        N�|0√�|
                                                                   C#00 NO00
             ALAAAAAD���XV#G#P�A���'6AAA6AA�NQp�CL�wL��'.�\J#,�XN�Jp:QJY~X��':N��p~p�':���':N��X:�
DŶYJDŶAŶAŶANAOADAŶACALAŶAWALAŶAŶA;A :AŶAŶALAŶAJA#A, AŶAŶAXANAŶAJADA: AOAJAYA~AXAŶAŶAŶA;A
NAŶAŶAŶADA-ADAŶA: AŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAXA: AŶADAŶAYAJADAŶAG! AAAAA!ŶAAA [Ŷ]
H \( \psi \) \( \psi \) A \( \psi \) \( \psi
���J:S�L��YO:p�#J�pW�L##�x~LHU�E�V�#U8�#�E�C �:N��p~p�:���:NJ�Y�p:�C#�AAAAD���XV#G
#P�A���'6AAAAAA��NOp�CL�wL��:�L�J#,�xN|
ŶŶŶĴ;SŶĹŶŶŶſĎ;ĎŶ#ĴŶſĬŴĹ##ŶX~ĹĦŮŶĔŶŶŶ#ŰŜŶ#ŶĔŶĊŢŶ;ŇŶŶſŎĸŎŶ;ŶŶŶ;ŇĴŶŶŶſĎ;ŶĊ#ŶŔŶŔŶŔŶŔŶŔ
#AŶAŶALAŶAŶAŶAŶALAEA|AŶAŶANAQApAŶACALAŶAWALAŶAŶA:AŶAŶALAŶAJA#A,AŶAŶAXANA|
AŶAŶAŶAJA:ASAŶALAŶAŶAYADA:ADAŶAŶAŶA#AJAŶADAWAŶALA#A#AŶAXA~ALAHAUAŶAEAŶAVAŶA#AUA8AŶA#A
ŶAEAŶACA_AŶAŶA:ANAŶAŶAŶAPAA~ApAŶA:AŶAŶAŶAŶA?ANAJAŶAYAŶApA:AŶACA#AŶA|YŶNQŶĊŶĿŶUĿŶ|
             ��L��� N | �0#�
                                                                                # | L�E��
             C#Q NQEQQ
                                                     c��|
AJAŶAYAŶAPA:AŶACA#AŶAŶAYAŶA:AŶAŶA~AJA#A,AŶAŶA#ASAŶAŶAŶA;AŶAŶAŶALAŶAŶAŶACA#A
AAAAD���XV#G#P�A���'6AAAAAA��NOp�CL�wL��:�L�J#,�XNI
ŶŶŶĴ;SŶĿŶŶŶſŎ;ĎŶĦĴŶĎŴĹ##ŶX~ĿĦŨŶĔŶŶŶĦŨŚŨĦŶĔŶĊŶ;ŊŶŶĎ~ĎŶ;ŶŶŶ;ŊĴŶŶŶĎ;ŶĊĦŶŔŶŔŶĦŶŎŎŎŎŎ
CALAŶAWALAŶAŶA:AŶAŶALAŶAJA#A,AŶAŶAXANA|
AŶAŶAŶAJA:ASAŶALAŶAŶAYADA:ADAŶAŶA#AJAŶADAWAŶALA#A#AŶAXA~ALAHAUAŶAEAŶAVAŶA#AUA8AŶA#A
ŶAEAŶACA AŶAŶA: ANAŶAŶAŶAŶAŊADA-ADAŶA: AŶAŶAŶAŶAŶAŶASACA ADA: AŶACA#AŶA6! AAAAA! ŶAAA [ŶA
H \###; ��U��AT�¬���E#o�#)J�##AAAAAAAD����XV#G#P�A���'6AAAAAA�NOp�CL�wL��:�L�J#,�XN|
���J:S�L��Yp:p�#J�pW�L##�x~LHU�E�V�#U8�#�E�c �:N��p~p�:���:N�+�:��:AAAAAD���XV#G#P�
A���'6AAAAAAA�NOp�CL�wL��:�L�J#,�xN|
���J:S�L��Yp:p�#J�pW�L##�x~LHU�E�V�#U8�#�E�c_�:N��p~p�:���:N�+�:��:A+A�A:A�A�A:A�AL
A�A�AKA�A#A�A|A�A�A�ANAQApA�ACALA�AWALA�A�A:A�A�ALA�AJA#A,A�A�AXANA|
A�A�A�AJA:ASA�ALA�A�AYAPA:APA�A�A#AJA�APAWA�ALA#A#A�AXA~ALAHAUA�AEA�AVA�A#AUA8A�A#A
ŶAEAŶACA AŶAŶA:ANAŶAŶAŶAŶAŊA~ADAŶA:AŶAŶAŶAŶAŶA$A+AŶA:AŶAŶA:A|YŶNOŶĊŶĿŶUĿŶ|
                          # | L�E��
                                                     Ŷ#ĊŶŶĊijĹ#ŶŶŶŶĹĦŮŶĔŶŶŶ#ŮĔŶĊŶŶŊŶĬŎŶŶĬ
                                                                                                                                                                 C#�Q N�+�
砫 N |�Q#�
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I

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���J:S�L��Yp:p�#J�pM�L##�x~LHU�E�V�#U8�#�E�c �:N��p~p�:���:N�+�:��:A�A�ANAQApA�ACAL
A�AWALA�A�A:A�A�ALA�AJA#A,A�A�AXANAI
AŶAŶAŶAJA:ASAŶALAŶAÇAYADA:ADAŶAŶAŶA#AJAŶADAWAŶALA#A#AŶAXA~ALAHAUAŶAEAŶAVAŶA#AUA8AŶA#A
ŶAEAŶACA AŶAŶA:ANAŶAŶAŶAŶAŶAŊA~ADAŶA:AŶAŶAŶAŶAŶA$A.ANAŶA+AŶA:AŶAŶA:AbAAAAAAŶĈŶŖŶ#ŶŶ:A#6]c#
AA6Ŵ#AŴAŴAJA~AŴAŴAŴAŴAXAYAJA:AŴALA#AJA#AŴAŴAŴAAA#AŴACAŴAAAŴAJA#AŴAŴAŴAŴAŴAYAŴA:AŴAŴ
AWADA#AŶAŶAŶA#ASAAAAAAŶĈŶŖŶ#ŶŶ:A#6]c#AA6Ŷ#AŶAŶAJA~AŶAŶAŶAXAYAJA:AŶALA#AJA#AŶAŶAŶAŶ
ŶALA#AJA#AŶAŶAŶA#AŶACAŶAŶAJA#AŶAŶAŶAŶAŶAŶAŶAYAŶA:AŶAŶAWADA#AŶAŶAŶA#ASA#ŶĊŶŶ#ŶŶŶE#ŶŶĬ
AA66=/=�AAAxAAA##AAAbAA##AAX#AA6AAALbAA�#AAnAAAAAAAAAAAAAA��bAA�bAA�bAA#baA6AAA6AAA
AA&!AA6AAA#AAA#bAAA�AAL�AA�!AA66=/=�AAA�AALnAA�nAA#!AAAnAA#AA&nAAX!
AANAAAAAAAAAAAAAAAAA#nAAAAAAXNAA6AAAbAAAAAAAAAAA#!
%$A$nbA$SAA$AbA.S$A$6$A$A:A$A$A$A[A;A$A$A$A[A;A$A$AAAA]$AAAAA]$AA$AA=====6$A6AAA&AAAAAAAAAA
AAAI ATAKAŶA'AŶA�#ŶŁAŶI�X#######`ŶŶ LAAAŶAAAŶ#nAŶA6AŶAŶAŶAŶAŶ
             AŶAŶAŶAQAŶAXA:AŶADAŶALAŶASAŶA:AŶAJALAŶAŶAŶAYALA9ALA;A
%A9A8A�A#A9AQAQALA9ALA�A�A�A:A�A�AJA#A,ALA�A�A�A�A�A�AALAEA�A~AJA#A�AYA�A:A�ALA#A�
AJAWAWADA: ASALA|A: AŶAJA: AŶAŶAYAŶA: AŶALA9ALA#AŶA~AŶAŶAYAKAŶA#ALA8AŶAŶALA8A#A;A
%A�#U#?%o6#�c��#���|
                                                                   ��Un|���#AAAAAD���XV#G#P�A���¹6AAAAAAA\�NQ����UL�|
                                                                                 $\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\
              ��L��� N | �0#�
                                                      # | L�E��
             c#�ℚ
NŴď#ĊӜŴŔŶŔŶŔŶŶŊŊĄ, AŊŔŴĄĹŔŴŔŴŔŶŔŶŔŶŶĸ₩ĄĹŔŴŖĄĄĄĄŔŴŶĊŶŖŴŀŴŴ;A#6ĨĊ#ĄĄ6ŴĦŔŶŔŴĄĴĄ~ŔŴŔŴŔŴŔŶŔŴŶ
JA: AŶALA#AJA#AŶAŶAŶAAA#AŶAÇAAŶAAAŶAJA#AŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAWADA#AŶAŶAŶA#ASAAA#AŶAŶAJ
A~AŶAŶAŶAŶAXAYAJA:AŶALA#AJA#AŶAŶAŶAAAADŶŶŶXV#G#PŶAŶŶŶ'6AAAAAAŶNOŶĊŶĿŶŨĿŶ|ŶĿŶŰŶ
砫 N I�O#�
                                                      $\psi \cong \psi \cong \
                           #|L�E��
                                                                                                                                                                  c#Ŷ0
             LŶEŶŶŶ#ĊŶŶĠ|L#ŶŶŶŶĿĦŮŶĔŶVŶ#U8Ŷ#ŶĔŶĊ_ŶŨ_N�|Q<del>ŶŶ</del>|
                                                                                                                          ��L�♥♥ N | ��O#�
                                                      # | L�E��
                                                                                 $\psi \cdot \psi \cdot \
             c#�0
NŶſ#ĊЖŶA#AŶACAŶAŶAJA#AŶAŶAŶAŶAŶAŶAŶAŶAŶA\AŶAWApA#AŶAŶAŶA#ASAQAŶAXA:AŶApAŶALAŶASAŶA:AŶ
AJALA�A�A�AYALA9ALA;A
%A9A8A�A#A9AQAQALA9ALA�A�A�A:A�A�AJA#A,ALA�A�A�A�A�A�AALAEA�A~AJA#A�AYA�A:A�ALA#A�
AJAWAWADA: ASALA|A: AŶAJA: AŶAYAYAA: AŶALA9ALA#AŶA~AŶAŶAYAKAŶA#ALA8AŶAŶALA8A#A; A%A60
A PAPALA PAPAPAPAPAPANA |
                                                                  A�A#ACA�A�ACA�A�A|
                          A#A|ALA�AEA�A�A
ANAŶAŶAŶA#ACAŶAŶAŶAŶAŶAŶAŶAŶANAQAŶACAŶALAŶAUALAŶA | A
             AŶAŶALAŶAŶAŶAŶAŶAŶAŶAŶANA|AŶAQA#AŶA A#A|ALAŶAEAŶAŶA AŶA#ACAŶAŶACAŶAŶAI
ALA#AŶAŶAŶAŶALAHAUAŶAEAŶAVAŶA#AUA8AŶA#AŶAEAŶACA_AŶAQAANAŶA|AQAŶAŶAŶA|A ACA#AŶAQA
ANAŶAŶAŶA#ACAŶAŶAŶAAAAAŶĈŶRŶ#ŶŶ:A#6]C#AA6Ŷ#AŶAŶAJA~AŶAŶAŶAŶAXAYAJA:AŶALA#AJA#AŶAŶAŶAŶ
AAA#AQACAQAAAQAJA#AQAQAQAQAQAQAYAQA:AQAQAWADA#AQAQAQA#ASAAA#AQAQAJA~AQAQAQAQAXAYAJA:A
ŶALA#AJA#AŶAŶAŶA#ŶĊŶŶ#ŰŶŶE#ŶŶ|
                                                                                 ��Un|
%o60A�AxA:A�ADA�ALA�ASA�A:A�AJALA�A�A�AYALA9ALA;A
%A9A8A�A#A9AQAQALA9ALA�A�A:A�A�ALA�AJA#A,ALA�A�A�A�A�A�ALAEA�A~AJA#A�AYA�A:A�ALA#A�
AJAWAWADA: ASALA|A: A�AJA: A�A�AYA�A: A�ALA9ALA#A�A~A�A�AYAKA�A#ALA8A�A�ALA8A#A; A
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#G#P�A���'6AAAAAAA�NQp�CL�wL��:�L�J#,�xN|

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ŴYJŶŶŶŶĸŶĦŶŶĸŴŶŶŶŶŶŶŶĸĸĸĸŶŎĠĬĬĦŶĿŶŶŶĠŶŊŶŶŶŶŶŶŶŶŶŶŶŶ
ŶŶŢŶŶŗŶ#ŶŶĸŶŶŶŶĸŊ₽ŶŶŶ8##ŶŶ;8ŶŶŶŶĿŶŶŶ:ŶŇŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶĬ
09ŶŶŶŶŶŶŶŶŶŶĬŶĬŶĬŶĬŶĬŶĬŶŶĬĿŶŶŶ-9ŶŶXDMNŶOŶ:ŶŶ:Ŷ9CC-ŶĿŶŶ:ŶŶ:ŶŶ:ŶŶ
Y�FL��J#��Nx�9J�pp��d�`Y�JL:JY�N�#�:�#J��#�L��:��:�N��p�#��N�LK�#�L;�LHwp��#��LY��
pxY_$$$d$`$C$$`}99d$$$LI$:$LE$wp:p$p$:$L$$d$?$9wJ$$d$#$w$:$9wJYp$C$$QJYk#pJL$J$$$Fd
Ŷ#~J:���9;�8L�L�L�L�L�L�L�L�L�L�L�L�L�L�L��W;�9wJ����JYp�C�OJ�pk#pFd�#~J:���9;�8L;�L
ŶL8L8L8LŶLŶL8LŶFŶďŶŶŶL#ŶĊŶŶLEŶŊD: pŶpŶ:ŶLŶŶďŶŶŶŶ
                                         �#YJ�d�#�YJ#$p:�#p:Fd�#YJ#$p:9k������������������;;�#-�Fd�#w�:�9wJYp�C��QJ�
pk#p���J:�9��#pwF�d�J��p:,�L�~J:���#C~�#�p:,d�#�Y�9�C��9~#p�#p�C� Fd�#���#�?#�
⊔Q;Fd�#�
Fd�#���#�?��U%8Fd�#�:9�!#J�p�:�x:��#�p:�F�d��~J:�|YJp�#�C��;
%d�#�Y�9�C��9�C-�-�#�:J�9��Y-���Fd�#w�:�9wJYp�C��QJ�pk#p���J:�9��#pwFd�#��pt��p:�‡
FŶŎŶŶŎŶĸĔŶĸŊĸŶďŶĦŶŶŶŶŶŶĠŶŶŶŶŶĠŶŶŶŶŶŶĠĊŢŶŶĸŶĠŶĸŶŶŶŊŶŖŶŶŶŊŶŊŶŊŔŖŖŶŶŶŊŶŶŶĦĸĸFŶďĸŊĸ
LKŶ#Ŷ# pŶ:;dŶ#ŶŶpŶŶ
@p:L;;�#p:Fd�#YJ#Sp:�;�#p:L;�#p:L;�#p:L;�#p:F�d��pW�K�#�# p�:;d�#�~JS�K�#�# p�:;F�
d�99�`��C��`}99ZpwLS��LY�L F�`�Y�d�`���J-���MJx��LW� N���D��L�-p�YJ�N�;#8
ŁLŶďŶ`ŶŶŶ`}ZŶ:Ŷpwf99Ŷ`}99ZpwLSŶŶLYŶL fŶ`ŶYŶďŶ`ŶŶŶJ-ŶŶJCŶXŶLWŶ
@J~��JC�x��`���`}Z�:�pwf99�d�`��J�d�`k��CL�J:SN�|
                                         9\P$\P$\P$\P$p:,N\P$?#\P$\Q;\P$LW\P$p:,N\P$?
��U%8��d�`�pwL��J��N�K�#�# p�:;��d�`~L��J��N���
Ŷ#YJŶJCŶ#ĿŶŶpŶŶŶĿŶŶĸŶ#ŶĿŶwĿŶŶŶĿQpŶĊĿQŶx÷ŶpŶŶĿQpŶĊĿŶJ:JSŶ#ĿŶŶŶ;ŶĊ#ŶĿJ:ŶŁŶŶŶpŶŶĿQŶpŶ
WL+�;��: `��-���-�� (��`~L��J��N���
                                �#YJ�`���1:k�-F`熥-�`�-�d�`~L��J��N���
    Ŵ#LŶwLŶx~~Ŷ#ŶLwŶ#LJSŶ:ŶJLpŶŶYL;%98Ŷ#900ŶL0#ŶJŶpŶ:LŶwLJL:ŶŶLŶŶŶŗŶŶLŶ:pŶŶL¢ŶŷŶŁŶ
�L��p�L�w�:p:S�`���熥~�`�~�d�`~L��J��N���
                                     �#YJ�`���1:k�~F`熥
~�`�-�d�`~L��J��N��� • �#YJ�`��-�1:k�-F`熥-�`�-�d�`~L��J��N���
                                         �#YJ�`��1:k�~F`熥
    �#YJ�c�J:,LC�x`��-�燗~�`�-�d�`~L��J��N���
~�`�-�d�`��dw�d�`�k����d��A Y�d��A A�A | A�AUAUA�AEAEA�A�A�A A�A%A A�A�A
AEAUAOAUAEAEA�A|A�A#A8AQA�AYA�A:A�A�A-AJA#A,A�A�A#ASA`A�A�A#A�AKAWAJA�A�A
A8AŶAŶAJAWAŶAŶAŶAŶAŶAŶAKAŶAWAWAJAWAWA
AŶAŶAŶAŊAŶA9AŶAŶA₩AWA8A#A;AŶAŶAYAŶA:AŶAŶAWAŊA#AŶAŶAŶA#ASAŶAŶŶŦŶŶ%6ĠŶŶŶ
%06w��n���P���H�Z�9�C��,���!##�7�`AAA�#<##
Ŷ(ŶAJACAŶA#ALAŶAŶADAŶAŶADAŶAŶALAYAŶAYAKAŶA#AŶALAŶAŴAŶAŶAŶAŶALAOADAŶACALAOAŶAXA:AŶADAŶAŶ
ALAOADAŶACALAŶAJA:AJASAŶA#ALAŶAŶAŶAŶAĈA:AŶACA#AŶALAJA:AŶALAŶAŶAŶAŶAŶAŶAŶAŶAŶADAŶAŶADAŶAWALA+A
A�AWALA�
AXA~A~A�A#A�ALAwA�A#ALAJASA�A:A�AJALApA�A�AYALA;A
%A9A8AŶA#A9AQAQAŶALAQA#AŶAJAŶAPAŶA:ALAŶAWALAJALA:AŶAŶALAŶAŶAŶAŶAPAŶAŶALAŶA:ADAŶAŶALAC
A�ApA�ALA�A�A�A�A�A#ALApA�ALAJA:ALAXA:A�A�A�A�A�A�A�A�A�ALA�A:A�A�A#A�A�AYA�A:A�ALA
�AWALA�A�A�ALA~A#A�A~A�A�AJA�ALA�A�AJA�A#A�A�AJA-A�A�A�AXAYAJA: A�ALA#AJA#A�A�A�A
AAAŶĈŶŔŶ#ŶŶ:A#6]C#AA6Ŷ#AŶAŶAJA~AŶAŶAŶAŶAŶAXAYAJA:AŶALA#AJA#AŶAŶAŶAŶAA#AŶACAŶAAAŶAJA#AŶ
AŶAŶAŶAŶAYAŶA:AŶAŶAWADA#AŶAŶAŶA#ASAAA#AŶAŶAJA~AŶAŶAŶAŶAŶAXAYAJA:AŶALA#AJA#AŶAŶAŶAAAAA
ŶĈŶŖŶ#ŶŶ:A#6]c#AA6Ŷ#AŶAŶAJA~AŶAŶAŶAŶAŶAŶAYAJA:AŶALA#AJA#AŶAŶAŶAŶAA#AŶACAŶAAAŶAJA#AŶAŶA
AŶAŶAJA, ApAŶALAŶAŶAŶAŶAŶAŶA₩ALAŶA₩AŶAŶAJA~AŶAŶAŶAŶAXAYAJA: AŶALA#AJA#AŶAŶAŶA₩AŶAŶAJA~AŶA
```

QYJ�9Yp�#��w�9����wp� wwp��L�Y�:���x#:��

```
AŶAŶAYAŶA:AŶAŶAWADA#AŶAŶAŶA#ASA#VŶĿŶŶ}Ŷ#Ŷ'nŶD#HAŶ
%AEAFAŶAEAŶAOAŶAŶA
               ACANA; Afafaua�a�a�a�ana#a�a#a�a
%AŶAFAŶAŶA₩AŶADAŶA:ANAŶAŶA#AŶADAŶA:ALA;AŶAŶA#ALAHAVAXADAŶAŶALA;A;AŶAŶAWAA
AJASAŶANA#AŶAŶA:AKACALAKAŶAYAŶA~AŶALAJAŶALAYAŶA:AŶAŶA~AJA#A,AŶAŶA#ASAŶAŶAŶA~AŶAŶAŶA
AXA: AŶADAŶALAŶASAŶA: AŶAJALAŶAŶAŶAYALA9ALA; A
%A9A8AŶA#A9AOAOALA9ALAŶAŶAŶA∶AŶAŶALAŶAJA#A,ALAŶAŶAŶAŶAŶAŶALAEAŶA~AJA#AŶAYAŶA;AŶALA#AŶ
AJAWAWAPA: ASALA|A: A�AJA: A�A�AYA�A: A�ALA9ALA#A�A~A�A�AYAKA�A#ALA8A�A�ALA8A#A; A
%A;A�A#A�A�A%A#A�A8A#A;A%A�A9A;A�A9A;A%A9A;A%A9A;A#A
A9AŶAWAKAJAŶAŶAWAŶAŶAŴAŶAŶAŶAŶAJAŶAŶAKAXAŶADA:AŶAŶAŶAŶAŶAŶAZA;A%AŶAŶAŶA;AŶAŶA;A%A
%A�A; A#A
#AŶAŶAŶA#ASAŶA:AŶA:ACAYAŶAXAŶAQAŶAŶA|
AŶA;AŶAYAŶA;AŶAŶA~AJA#A,AŶAŶAŶAŶAŶAJAŶA;AŶA#AŶAŶA%A%A%AA#AŶA
A FAŶAŶAŶA; AŶACA#AŶAŶALAŶAŶAŶALAPAŶAŶALAEA FA +AŶA ; AŶAŶA; AŶALAŶAŶAKAŶA#AŶA#AŶA#AŶAŶAJA~AŶAŶAŶAŶA
XAYAJA:AQALA#AJA#AQAQAQAA+AAAI ATAQAQAQA56"6#6Q#Q#Q#$#ZbQb)b.b#Q>Q#QQ!v!
#######\�`A�A�AYA�ALAWA�A#A�ADA�A;ANA�A;A�A#A�ALA�A:A�A�ADA:ASANA�AXA�AWA9A;A�A�A
ŶĸŶĸďĸďĸŶĸ`ĸĸIJĸŶĸ,ĸ#ĸŶĸŶĸŶĸďĸŶĸſĸŶĸĹĸĸĸ`ĸŶĸŶĸĦĸŶĸŊĸŶĸŢĸŶĸŢĸŶĸŢĸŶĸŦĸŶĸĦĸŶĸĦĸŶĸĦĸŶĸŢĸŶĸŶĸŊĸŶ
A: AŶAdAŶALALA`ACAJAŶA, AŶAŶAŶAdAŶALALALALA`ACAJAŶA, ALA#AŶAJA#AŶAŶA: AŶAŶAŶANAŶA
A; AŶAŶAdAŶALALALALALALALALA\`ACAJAŶA, A#AŶA#ApA: ASAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶALAŶAŶAŶALAŶAŶAŶALA
JAŶAŶAŶAŶALAŶAŶAŶAŶAŶAŶAHALAŶAWALAŶAXA~A~AŶA#AŶALAWAŶA#ALAJASAŶA:AŶAJALApAŶAŶAYALA;A
%A9A8A�A#A9AQAQA�ALAQA#A�AJA�ADA�A:ALA�AWALAJALA:A�A�ALA�AQA�A�A�A�ALA�A:ApA�A�A`A�
ACAJA�A, A#A�A#ApA:ASA�AdA�ALALALALALALA\`A�A�A�APASA:A�A�A�AdA�ALALALALALALALALA\`A
ÁYAJADAŶAŶAŶAŶAŁAŶAŶANAŶAŊAŶACAŶAŶAŶAŶAXA:AŶADAŶAŶAYA?A:AŶAŶA~AJA#A,AŶAŶA#ASAŶAŶA
�A�ADA�ACA�A�A�AXA:A�ADA�A�AYA�A:A�AŌA-AJA#A,A�A�AHASA�A`A�A|
AYAJADAŶAŶAŶAŶAŶA#AŶAdAŶALALALALALALALA\`A|
YA�ADA:A�ACA#A�A�AYA�A:A�A�A-AJA#A,A�A�A#ASA`A�A|
AYAJApA�A�A�A�A#A�AdA�ALALALALALALALA\A|
AYAJADA�A�A�A�A�A#ALA�A�ANA�A�A+A�A:A�A�A:A�AYA�A:A�A�A—AJA#A,A�A�A#ASA�A�A�A+A�A:A�A
ŶA:AŶALAŶAŶAKAŶA#AŶAŶA`AŶA|
AYAJADAQAQAQAQAQAHAQAAQALALALALALALA `AQAQAQAQASA :AQAQAQAQAQAQAQALALALALA `AQACAJAQA , A
�AdA�ALALA`A�ACAJA�A,A�A�AdA�A`A�ACAJA�A,A#A�A�A�A5AbA6AAAGA�A�AA1AbAAAAA A#AAAAA�
Abaaaaa%a�a&aaa
AŶAŶAAFA#6#AAANAŶAAAAŶA#6XAAAŶAŶAŶA₩AAAŶA#6A6AAVAŶAL6AAOA#6Ŷ6AAEAŶA&6AAŶA#6Ŷ6AAŶA#6
#6AAŶAŶAX6AAŶAŶA#6AA~AŶAA#AAŶA#6L#AAXAŶAŶ#AAWAŶA&#AAŶAŶAŶAŶAŶAŶA₩#AAŶAŶAŶAŶAŶAŶA
A�I #6X#AAGI �A##AA-I #6AbaA�I �ALbaA�I �A�bAAb�A�#AA�AL#AA!
ŶA&bAAnŶAŶbAAŶŶbA*ŶAAŶŶbA7Ŷ]A-ŶA#bAA?
�bA��6A��bA��6A��#AAAAA#]�AXbAAb]#6#bAAu]bA6AAA*##6A�AA�#�AL�AA^#bAbAAA�#�A���A�����
&$AA$#$A$A###6#$AA*##6X$AAt##6#$AA^##A6AAA>$AA!AA$$bA$
                                      AAq�bANAAA#�bA#�AA�AL!
AA��#6�!AA��A&!AA/�#6�!AA��bA�A���#!AA?��AX!AA]�A#!
AA���AANAA#��ALNAA;��A�NAA�A&NAAj�A�NAA���A#NAA
```

```
###########\$#\$#\$#############
AŶA;AŶAYAŶA:AŶAŶA~AJA#A,AŶAŶAŶAŶAŶAŶALAHA;A#AŶA#AŶAŶAŶA;AŶA_ALAKACALAQAŶAŶA|
AŶA;AŶAYAŶA:AŶAŶA~AJA#A,AŶAŶAŶAŶAJAŶADAQALAHA;A#AŶA#AŶAŶAŶA;AŶA_ALAŶADAŶAŶALAŶADAŶA
#A�A�A�A�ALA#A�ACA�ALA#A�A#AWA�A#ALAHACA�A#A_ALApA�ALA;A�A�A#A�A;A;A�A�A�A�AADA
AJALAŶAJADAŶAKAŶAŶACAŶALACA#AJA:AŶA~AŶA#AŶAFALAKAŶAŶAŶALA%ALA+AXA:ALA8A#A;A
%ALA;AŶAŶAŶAŶAŶAŶAŶAŶA$ALA9A#A%A#A#AdAŶAŶAŶAŶAŶAŶAQADAWAŶAŶAŶAŶALAWA#AŶAYALAOAŶAŶA|
A�A;A�AYA�A:A�A�A-AJA#A,A�A�A�A�AJA�ALAHA;A#A�A�A�A�A;A�A_ALAKACALAQA�A�A|
A�A;A�AYA�A:A�A�A~AJA#A,A�A�A�AJA�AJA�AJA�ALAHA;A#A�A#A�A�A;A�A_ALA�AJA�A�ALA�AJA�A
#AŶAŶAŶAWAŶALA#AŶACAŶALA#AŶA#AWAŶA#ALAHACAŶA#A_ALApAŶALA;AŶAŶA#AŶA;A;A;AŶAŶAŶAŶAŶA
A�A�A�ALA%ALA+AxA:ALA8A#A;A%AdA�ALA;A�A�A�A�A�A�A�A�A�ALA9A#A
%A#A#AdA�A�A�A�A�AWA�AWA#A�ALAWA#A�AYALAOA�A�AI
A�A:A�AYA�A:A�A�A~AJA#A,A�A�A�A�AJA�ALAHAZA�A�A;AfA_ALAKACALAQA�A�A|
AŶA;AŶAYAŶA:AŶAŶA~AJA#A,AŶAŶAŶAŶAŶAJAŶAdAŶALAHAZAŶAŶA;AfA ALAŶADAŶAŶALAYAJA~ADALADAŶA
LA; A�A�A#A#A�A; A; A�A�A�A#A#A#AFALAKA�A�A�ALA%ALA+AXA: ALA8A#A; A
%ALA; A�A�A�A�A�A�ALA9A#A
%A#A#AdAŶAOAŶA;AŶAŶA;AŶA9ACACA~AŶAŶALAJA~A~AŶADAŶAJAŶADAŶA;AŶAYAŶA9AŶA;AŶAYAŶA9AŶA;AŶAWAFALA;AJ
AYAŶANAŶAŶADA:AYAJADAŶAŶAŶAŶAJAŶAŶAJAŶAQAŶA:AŶAŶA:AŶAŶACA#AJA:AŶAWAŶA#A9A|
A:A�A�A�ADA:ASA�ALAKADA:AJA#ACAdA�AUA#A�AYA�ALA�AQAJA�AJA�A�A�ALA
ApAŶAŶAŶAŶAŶAŶALA`A:AŶAŶAJAŶAJAŶAJAŶAŶAŶAŶAŶA:AŶAŶA~AJA#A,AŶAŶA#ASAŶAdAŶACAŶAŶALAŶAŶAŶA
�AJA, ADA�ALA�A�A�A�A#ALA�A�ALA`A�A�A�A�AJA, ADA�AYA�A:A�A�A~AJA#A, A�A�A#ASA�A�ALA�
AOAJA#AŶAŶAŶA:AŶALAŶAŶAOAJAŶAŶAŶA#ADA:AŶAŶAĠAĠAĠA#A`AOAOAJA#AŶAŶAŶA:AŶAŶACA:AŶAŶA-AJA
#A,AŶAŶA#ASAŶAdAŶAQAQAŶALAŶAŶAŶAŶAŶA.AŶACA#AŶAŶALAŶAŶAŶAÛALAEAŶALA`AJAŶAYAŶAQA:AŶACA#
AŶAŶAYAŶA: AŶAŶA~AJA#A, AŶAŶA#ASAŶAdAŶA#AXAKA#AŶAŶAŶAŶAŶAŶAŶAŶAŶAŶALA~AŶAYAŶALA9ALA#AXA
KA9AQAŶAYAYAPAŶAŶAŶAŶAŶALAŶAŶAŶAŶAPA:ASALA9ALA+AXA:AŶALA
%ALA9ALAUADA#AŶALAŶAŶAYADA:ADAŶAŶA#AJAŶADAŶA:ALAHAŶA~AYAdAŶALA~A#AŶA9AYAŶASALADA:AL
AUADAŶAŶAKAŶAŶAŶA AdAŶACAŶA#AŶAJAŶA9ACAŶA~ADAŶAŶALAŶAŶAŶALA~AŶAYAŶALA9ALA#AXAKA9A
OAŶAYAYADAŶAŶAŶAŶAŶALAŶAŶAŶAŶAŊA: ASALA9ALA+AXA: AŶALA
%ALA9ALAUADA#A�ALA�A�AYADA:ADA�A�A#AJA�ADA�A:AdA�ALAHA�A~AYALA~A#A�A9AYA�ASALADA:AL
AUADAŶAŶAKAŶAŶAŶA AdAŶACAŶA#AŶAJAŶA9AŶA:AŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶA
A~A�A�A�A�AWA+A�A#A�AJA�ADA�A�A�A�A�A�AYAEAEA�ANANAdA�AEAJA�A�A�ALAKA�A�A�ALA
AŶA%A8AJAŶAŶAŶAVAWAŶAWAŶAWAŶAWAŶAŶA AŶAKA AKAŶA;AŶAKA A AŶAŶAŶAQAŶAŶA
AŶA;AŶAYAŶA: AŶAŶA~AJA#A, AŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAJA: ASAXAJASAŶAŶALAŶA: A9A
A�A�A�ALACA�A�AdA�A�A9A�A#A9A|
A�A�A�AJA:ASA�A9A�A#ASAJA:ApA�AJA�ApA�A:A9A#AQA�A�ALA9A;AdA�A�A�A#A9ACA
                                                                Αl
AUA9AQA�A#A#A�A�AJA�A�A#A�ALA`A A�A%A8AJA�A�A�A�A�AWA�AWA�AWA�A�A A�AKA A�AKA
AKAŶA;AŶAKA A AŶAŶAŶAQAŶAŶAŶA|AŶA;AŶAYAŶA:AŶAŶA~AJA#A,AŶAŶAŶAŶAŶAŶAŶAĊAĊAĊAĊAĊA
A9AŶAŶA#AŶApAŶA:AŶALA;AŶA#AdAŶAŶA9AŶA#A9A|
AŶAŶAŶAJA:ASAŶA9ACA#AJA:AŶA~AŶA#AŶA9AUA#AŶAYA|
AŶAŶAŶAJA:ASAŶA9AŶA#ASAJA:ApAŶAJAŶADAŶA:A9AŶAŶAŶAŶAŶAŶAAAAA
CAŶALAŶA#ApASApA: AJAŶApA: ASAdAŶAŶA9AŶA#A9A|
AŶAŶAŶAJA:ASAŶA9AŶA#ASAJA:ApAŶAJAŶAJAŶADAŶA:A9AŶAXAŶAŶA#AŶAXA#AŶAŶAŶALAOAŶAŶA[
A�A;A�AYA�A:A�A�A~AJA#A,A�A�A�A�A�AJA�AdA�A�A9A�A#A9A|
AŶAŶAŶAJA:ASAŶA9AŶA#ASAJA:ApAŶAJAŶADAŶA:A9AŶAXAŶAŶAŶAŶAŶAŶAŶA:AŶAŶA#A:AJAŶAdAŶAŶA9A
AŶAŶAŶAJA:ASAŶA9AŶA#ASAJA:ApAŶAJAŶADAŶA:A9AŶAXAŶAŶAŶAŶAŶAŶAŶAJA:ApAŶAYAŶALA#AŶAdAŶAŶA
9AŶA#ApASApA:AJAŶApA:ASA9AŶAŶAŶAŶALAZA;A#AŶA#AŶA;A#A#AŶA;AŶAŶAŶAFAdAŶAŶA9AŶA#A9A|
```

A�A�A�AJA:ASA�A9A�A#ASAJA:ApA�AJA�ApA�A:A9A

��AXNAA6f�A#NAA#f�AA�AA��H6��AA#�bAAAA��#6L�AA#wbA�AAt�#AAAAAL�tA��AA}�A&�AA��AA

```
AŶAŶAŶAJA:ASAŶA9AŶA#ASAJA:ADAŶAJAŶADAŶA:A9AŶAŶA#AŶAJAYA~A9AI
A: A $\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\dot{A}\do
%A9A#A A�A�A9A�A�AWA�A9A�A�A;A9A�A#A A�A�A%A;A�A
%AkAQAdAQA######Q#QXQ##QX@#######`QQYQLQYQ:QMQX#:QE$QYJQ9YpQ#QQQQ9QYQMQLQYQAA
ŶŶŢŶŶŶŶŶ<del>ŶŶŶŶŶŶŶŶŶŊŶŶŶ</del>ŊŶŶĠĬĬĦŶĿŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶ
ŴY JŶŶŊŶĦŶŶĸŶŶŶŶŶŶĸĸŊŶŶŶŖĦĦŶŶĿĠŶŶŶĹŶŶŶĿŶŊŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶĬŎŶĬŶĬ
09��Y��#��`��J�`Y�JL���-9��xxxxxxxx\0�:��cC-�L��:��:��Xxxxxxxxxxxxxxxxxxxxxxxxxxx
YŶFLŶŶJ#ŶŶŊĸŶŶĴŶĸĸŶĹŶĸĸŶĬĿŢŶŶŊĿŢŶŶĸĦŶŶŶĦĹŶŶŶŶĸŶĸŶĸŶĸŶĸŶĸŶĸŶĸŶĸŶĿŶĿĿŶĿĦĸĸŶŶĦŶŶĿŶŶŊĸŶŶ
Ŷ`}99ZpwL}YŶfŶ`ŶĊŶŶWpŶŶLŶĸŶJWpŶ#Ŷx#ŶH?ŶŶWJXŶ?ŶŶŶFŶŎſŶŶLŶĸŶJWpŶ#Ŷx#ŶH?ŶŶWJXŶ?
��� F�d��d��L�K�JWp�#�x#�H?��WJx�?��� F�dĎJ~�L�K�JWp�#�x#�H?��WJx�?
��� F�d�`����`}Z�:�pwf99�`�C��`}99d���LU�:�LE�wp:p�p�:�L��dŵ:�9wJ��d�#�w�:�9wJYp�
C��QJYk#pJL�J���Fd�#~J:���9;�8L�L�L�L�L�L�L�L$L$L�F�dh�:�9wJ��d�#�w�:�9wJYp�C�QJ�pk#p
Fd@#~J:@@@9;@8L;@L@L8L8L&L@L@L8L@F@dw@:@9wJ@@d@#@w@:@9wJYp@C@CJ@@YJFd@#~J:@@@9;@8L;
; L�L�L�L�L�L�L�L�L���d
~w0:09wJ00d0#6w0:09wJYp0C00#6S00L#6#p~00Fd0#~J:0009;00L;;L0L0L8L#L#L#L#L#L#F0d000L#6C
��LE�wp:p�p�:�L��d�-����#YJ��L�p���
                                                            Ŷ#YJŶďŶ#ŶYJ#$p:Ŷ#p:FďŶ#YJ#$p:9kŶŶŶŶŶŶ###:~ŶFďŶ#ŵ?ŶŶŶŶŶ$:8Ŷ#~ŶFďŶ#ŵ?Ŷ9wJYpŶCŶŶcpY
        ��L��YJ:����#pwF�d�J��p:,�L�-J:���#C-�#�p:,d�#�Y�9�C��9-#p�#p�C�
FdQ#QQQQQQQQQ
ŶŶĬĦŢŶŗŶĬŶĬŶĸĬŶŶĦŶĸĬŶŦŶďŶŢŶĸŊŶĸŶŶŶĹŶĸŢĬŶŶŶĦĊĸŶŦŶĸĬŢŨŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶĸ
Fd�#���#�~x#~��Fd�#�
9Ŷi #JŶpŶ:Ŷx:ŶŶ#Ŷp:ŶFŶďŶ~ŶŶŶŦŶĴŶŶŶĿŶpŶŶŶŦŶĴŶŶŶĿŶpħŶŶŶŦŶĴŶŶďŶŦŶĴŶŶďŶ#ŶYŶ9ŶĊŶŶ9~#pŶ#pŶCŶ
Fd#Y90C0090D: ,00VJ000: Lc?
LQŶJ#ŶFdŶ#YJ#Sp:Ŷ#p:FdŶ#YJ#Sp:9kŶŶŶŶŶŶŶ###;~ŶFdŶ#wŶ:Ŷ9ŶpŶ
Û#~ŶFdŶ#wŶ:Ŷ9wJYpŶCŶŶċJŶŶYJŶŶŶJ:Ŷ9ŶŶ#pwFŶdŶŶ~J:ŶVJŶŶ:C?
0�J#d�#�Y�9�C��9;JYI VJ��:Lc? LO�J#�Fd�#Y�9�C��9~#p�#p�C�
Fd$#Y$9$C$$9$p:,$$VJ$$:Lc?$Fd$#w$:$9wJYp$C$$cJ$$YJ$$$J:$9$$#pwF$d$$-J:$|YJp$#$C$$;
%EFd$#w$:$9$$p$$$$:$#YJ$Fd$#w$:$9$C$$:$#YJ$F$d$$~J:$|
YJpŶ#ŶĊŶŶ8#dŶ#ŶYŶ9ŶĊŶŶ9ŶĊŶŶŶŶ;JŶFdŶ#WŶ:Ŷ9WJYpŶĊŶŶŶ#pJŶŶŶJ:Ŷ9ŶŶ#pWFdŶ#ŶŶŶ#Ŷ?;UŶ
ŶĴ₽Ŷ#ŶĊŶŶ8;ďŶ#ŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶŢŶĸŶĬĴŶŦďŶĦĸŶĬŶŊŊŶ₽ŶĊŶŶŶĦijĴŶŶŶĴŶŶŦſŶŶĦĸĸŦďŶ#ŶŶŶĦŶ?ĬŨŶ
YJp�#�C��88d�#�Y�9�C��9�C-�-�#�:J�9��Y-���Fd�#M�:�9wJYp�C���#DJ���J:�9��#DwFd�#����
#��p:�‡?
Fd&#w&:&9&&p$&&&:&#YJ&Fd&#w&:&9&C&&:&#YJ&F&&&Q&-E&wJx&d&#&Y&9&C&&9&C-&&-&#&9&:&CF
dŶ#wŶ:Ŷ9ŶpŶŶ;#Ŷ#~ŶFŶd~JSŶLKŶ#Ŷ# pŶ:;dŶ#ŶŶpŶŶ
@p:L;;@#p:Fd@#YJ#Sp:@;@#p:L;@#p:L;@#p:L;@#p:F@d@@p\@K@#@#_p@:;d@#@~JS@K@#@#_p@:;F@
dŶ99Ŷ`ŶŶĊŶŶ`}99ZpwLSŶŶLYŶLŦŶ`ŶYŶdŶ`ŶŶŶJ-ŶŶŴJXŶŶLŴNŶŶŶŊŶŶLŶ-PŶYJŶNŶ;#8
LLŶdŶ`ŶYŶ`}ZŶ:Ŷpwf99Ŷ`}99ZpwLSŶŶLYŶL fŶ`ŶYŶďŶ`ŶŶŶJ-ŶŶJCŶxŶLWŶ
N����������YJ~LWO: N��������J�JN�;�L�d�熥
ŶJ~ŶŶJCŶxŶŶ`ŶYŶ`}ZŶ:Ŷpwf99Ŷ`ŶŶJŶ`kŶŶCLŶJ:SN|
        9Ŷ#LŶp;,NKŶxŶLWŶp;,N~x#~ŶŶ`ŶĸWLŶŶJŶŶŊKŶ#Ŷ# pŶ;;Ŷ`~LŶŶJŶŶŊŶŶ
        �#YJ�`JL:JY�N���J��|:���Y~��
`�~J:L�C��N���:�9�p��;;�#~�Fw�:�9wJYp�C���#J���J:�9��#pwF���#D#�?;U�
%E��#pL���#LJ:�LOJ���#o:���L`�������-ﻛ・��-J:�`�J�`�-�`~L��J�����
        �#YJ�`�~J:L�C��N���:�9�p��;;�#-�Fw�:�9wJYp�C���#JJ���J:�9��##DWF���#�?;U�
%E��`���1:k�~F`熥~�`��~J;�`��`~L��J��N��
        �#YJ�`�~J:L�C��N�M�:�9�p��;;�#-�FM�:�9WJYp�C���#DJ���J:�9��#DMF���#DY
%E��C��LY��D:SL����L���L���#�L������������L���LZ��L-�Y�1:k�-FLC��L-#�9Y��D:SL��
���L�p��Lk�p:SL��#�LJ�LOp�CL#J��L�-YLp:L���LUp�k�������
~�`��~J:�`�~�`~L��J��N��
```

AŶAŶAŶAŶA#A, A9AŶAŶAŶAŶAĴASAŶA9AŶAŶALAKA#A; AKA8AŶA

```
%E��`k#�c�J:,LC�x�`��-�牐~�`��~J:�`�-�`~L��J��N��
             �#YJ�`�~J:L�C��N�M�:�9�p��;;�#-�FM�:�9WJYp�C���#DJ���J:�9��#DWF���HDVF���#D?:U�
%E��`���1:k�-F`熥-�`��-J:�`��`�pw�`~L��J��N��
            �#YJ�`�~J:L�C��N���:�9�p��;;�#-�Fw�:�9wJYp�C��#�9���!#O+��F���#�?;U�%E��
             p����LQJ�J��`��-J:�`�-J:L�C��N�w�:���p��
Q~ФFwФ:Ф9wJYpФCФФФ#pJФФФJ:Ф9ФФ#pwFФФФ#Ф?;UФ%EФФ`ФФ-Ф™—Ф`ФФ-J:Ф`Ф-Ф`~LФФJФФNФФ
             Ŷ#YJŶ`Ŷ~J:LŶĊŶŶŇŶĸŶ:ŶŶŶĸŶŴĿŶŶŶĸŶĿŶĿŶĿŊŶĸŶĊŶŶŶ#ĸJŶŶŶĴ:ŶŶŶĦĸFŶŶŶĦŶ?:UŶ
%E��OD�CL�wL��;�L�J#, `���描~�`��-J;�`�-�`~L��J��M��#YJ�`�-J;L�C��N���:������ �
�FW�:�9wJYp�C���#pJ���J:�9��#pwF���#W?;U�%E������1:k�-FL��#9��#9��;;`��-���-�
                                                 $#YJ$`$~J:L$C$$N$N$N$.$9$p$$
~J:�`�-�`~L��J��N��
ŶFWŶ:Ŷ9WJYDŶĊŶŶŶ#DJŶŶŶJ:Ŷ9ŶŶ#DWFŶŶŶ#Ŷ?:UŶ%EŶŶ|
YJp�L`��-J:�`JL�#�wN�YJp�:�J�J��N�:�-J#,��#$��`�-J:L�C��N�w�:�9�p��
Q~QFWQ:Q9WJYpQCQQQHpJQQQJ:Q9QQHpWQQ:QJQJQQYQ;Q~J#,QQHS`QQ-J:Q`QJQ`Q~J:LQCQQNQWQ:Q9Q
p$\tilde{Q} \tilde{Q} \til
◆#~◆Fw◆:◆9wJYp◆C���#nJ���J:◆9��#nwF���#�?:U�%E��`��-◆隨
~Q. QQ-J:Q. Q-Q. QQQQ, ~LQQJQQNQQ
             �#YJ�`�~J:L�C��N���:������;;�#-�Fw�:�9wJYp�C���#J����J:�9��#MF���#WF���#$?;U�
%F�� ��:k�~F `熥
~�`��~J:�`�~�`�pw�`�pwL�C��N�K�#��#�:�:�FK�#��#9��-���pôL?|;|;|;L;�#~�F~J��p:S���#~
$\Pi$L#p:L#p:L#p:$\Pi$^\rightarrow\Pi$
�#YJ�`K�`�-J:L�C��N�w�:�9�p��;;�#-�Fw�:�9wJYp�C��QJ�pk#p���J:�9��#pw��U#�Y�`��-J:�`
ŶĸŶ`Ŷ~J:LŶĊŶŶŊŶĸŶ:ŶŶŶſĠŶŶ;;Ŷ#~ŶŦĸŶ:ŶŶŊĬŶpŶĊŶŶŎĴŶpk#pŶŶŶĴ:ŶŶŶŶĦĦŶŶŁŶŶŶĴ,₽ŶŁŶŶŶĦĿŶĹŶĸ
#�`k�#�:��`�k�LK��:���JC�L+x:�L%�L8#;
%L;;���LË`k#�`k�����K�L���:�C#��L���L���DLEL1�FJ�Y�p:�C#�Y�:�-J#,��#S1S�FFLQJ�J���L
p����L1�F:�J�J���:�-J#,��#S1S�F`k#�`k�0��`�K�L0J#�:�L��0J���#p:�L1�F00J#�:�Y�:�-J#
 ��#$1$�F`k#�`k�#xk#I �`�k�L��L#xk90�YYp����L���p:$L9L+x:�L
%L�L�~YL9LUp#�L��Yp:p�#J�p�:L9L�#��������:�J`���酺
◆#YJ�`��•�1:k�-F`熥-�`�-�`�pw�`~L��J��N��
             $#YJ$#pL$$$L1JY~FL
                                                               耐分分分分分分
�#YJ�QJ:LxL~��J��LJ�,L#J#���LpwL��L�J:LY��L�p��L���M�J#�p:SLJ�LZ���L1:k�~F�CL�pw�L
LOJŶĿJŶŶĿŶŶŶŶĿŶŶŶĸŶŶĸŶŶĸŶĿŶŶŶ:ĿJŶĿŶŶŶŶŶĬĬ
�#YJ�c��`��婦
~ \( \dagger \
             �#YJ���#`k#�`k#���#L���J,p`��-���~�`�pw�`~L��J��N��
             �#YJ��:�L�J#,L0p�CL0�x:�p�Y�Yk�#1:k�-F`��-�II-�`�-�`��bw�`�ow�`~L��J��N��
             �#YJ�`���1:k�-F`熥-�`�-�`��๗�`�๗��`~L��J��N��
             Ŷ#YJŶ#Ŷ:ŶĿw#ŶYĿYĊĿpŶŶŶ:ŶŶĿŶĿŶŶĿŶŴĿŴ#SpWŶĿŶĊ~ŶŶĿJ:ŶĿĿŶx:ŶĿŶJ:SxJSŶ`ŶŶ~ŶĬĨ~Ŷ
 `Q~Q`QQDMQ`QQDMQ`QDMQ`~LQQJQQMQQ
             �#YJ�L�C��N�YJ#Sp:9k����Y�;8�#~���`k#��:L+x:L��L8#;
%ŶĹĴŶĹŹ;ŶĹŶŶŶĹŶŶŶĸŶŶŶĹŶŶŶĹŶŶŶĹĿĹŶF`ĬĹŶ#ŶĸŇŶŶĴpŶĴŶŶŶŊ:ŶĊ#ŶŶŶ:Ŷ~Ĵ#,ŶŶ#SŶŶĴŶŶŶŊ:ŶĊ#ŶŶŶ:
�~J#,��#S`�J�1S�FL�#���`���
�#YJ�`�~J:L�C��N�M�:�9�p��;;�#-�FM�:�9wJYp�C���#DJ���J:�9��#DMF���#O?;U�
%E��U�qL`��-J:�`���熥-�`�-�`~L��J��N��
             �#YJ�`�~J:L�C��N���:�9�p��;;�#-�Fw�:�9wJYp�C���#JJ���J:�9��##DWF���#�?;U�
%E��1:k�~F`��~J:�`���熥~�`�~�`~L��J��N��
             �#YJ�`�~J:L�C��N���:�9�p��;;�#-�Fw�:�9wJYp�C���#JJ���J:�9��#pwF���#O?;U�
%E��U�#L��Y�##��1?�8;%F�LY��p:S�L`��-J:�`��-���-�`~L��J��N��
             �#YJ�`�~J:L�C��N���:�9�p��;;�#~�Fw�:�9wJYp�C���#DJ���J:�9��#DWF���#�?;U�
%E��1:k�~F`��~J;�`���熥~�`�-�`�ɒw�`~L��J�����
```

�#YJ�`�~J:L�C��N���:�9�p��;;�#~�Fw�:�9wJYp�C��#pJ���J:�9��#pwF���#P>;U�

```
�#YJ�`K�`�~J:L�C��N�w�:�����;;�#~�Fw�:�9wJYp�C��QJ�pk#p���J:�9��#pwF���#�?;U�
%E�����L���.��.��.��.J:�`�k�`��.@~�`�-�`~L��J��N��
         �#YJ�`�~J:L�C��N���:�����;;�#-�Fw�:�9wJYp�C��QJ�pk#p���J:�9��#pwF���#0?;U�
%E��Op�CL�J: JS�#`��~J:�`���随~�`�~�`~L��J��N��
         �#YJ�`�~J:L�C��N���:�����;;�#-�Fw�:�9wJYp�C��OJ�pk#p���J:�9��#bwF���#�?;U�
%E��Qp�CL�wL��;�L�J#, `��¬J:�`���∭¬�` `�-Φ`~L��J����\\

Φ#YJ�`�¬J:L�C��N�w�:�9�p��;;�#-ΦΕwθ:�9wJYp�C��QJ�pk#p����J:�9��#pwΕ���#�?;U�
%E��%#; L�Jx#��L#�#��`��~J:�`���随~�`�~�`~L��J��N��
         Ŷ#YJŶ`Ŷ~J:LŶĊŶŶŊŶĸŶ:ŶŶŶĸŒĸĿŶ#-ŶĔĸŶ:ŶŊĸJYĸŶĊŶŶŎĴŶĸĬĸĸĸŶŶŶĴ:ŶŶŶĦĸĸĔŶŶŶĬŔŶ;ŪŶ
%E����:��#,�LO�L �#8�`��-J:�`����� ~�`�-�`~L��J��N��
         �#YJ�`�~J:L�C��N���:�����;;�#-�Fw�:�9wJYp�C��QJ�pk#p���J:�9��#pwF���#�?;U�
%E��H��# L��#9��;#`��~J:�`������~�`~L��J��N��
�#YJ�`JL�#�wN�YJp�J�Y�p:�C#�Y�:�-J#,��#$��`p�`�-J:L�C��N�w�:�9���;;�#-�Fw�:�9wJYp�
C��QJ�pk#p���J:����#pw��J�Y�p:�C#�Y�:�~J#,��#S`��~J:�`�p�`�J�`����
~Ŷ`Ŷ~Ŷ`~LŶŶJŶŶŊŶŶŶ#YJŶ`Ŷ~J:LŶĊŶŶŊŶĸŶ:Ŷ9ŶŊŶ
Ŵ#~ŶFwŶ;Ŷ9wJYpŶĊŶŶŎĴŶpk#pŶŶŶJ;ŶŶŶŶ#owFŶŶŶ#Ŷ?;UŶ%EŶŶ1;kŶ~F`ŶŶ~J;Ŷ`ŶŶ~ŶĬĨ
~�`�~�`~L��J��N��
         �#YJ�`�~J:L�C��N���:�����;;�#-�Fw�:�9wJYp�C��QJ�pk#p���J:�9��#pwF���#�?;U�
%E��`pYSLk�#��#N#L�p�N;8�L��p$N;8�Lp�N��p��
##8#�;�L�#�N��p�pYJS�##;�#~S�#;E8EU�îE� #�
%8#�LJ�N�Up:J�LQp�CL��S�L�Q98��`��~J:�`���熥~�`�-�`��dw�`~L��J��N��
�#YJ�`�~J;L�C��N�w�;�����;:�#~�Fw�;��wJYp�C����J;�����j���#owF���<del>��</del>w#F�����#####################
V���EUL;�#~�F~J��p:S���#-�L#p:L#p:L#p:��`~L��J��N��
Ŷ#YJŶ`KŶ`Ŷ~J:LŶĊŶŶŊŶĸŶ:Ŷ9ŶpŶŶ;#Ŷ#~ŶFĸŶ:Ŷ9ĸJYpŶĊŶŶċJŶŶŶJŶŶŶJ:Ŷ9ŶŶ#pĸŶŶU#ŶYŶ`ŶŶ~J:Ŷ`Ŷ
k�`�~J:L�C��N�w�:���p���;#�#-�Fw�:�9wJYp�C��CJ��YJ���J:�9��#pw��L#��J-��XYJ:�L#J#���
LZ`��~J:�`JL�#�wN�YJp�J#������:�wp#
#$ŶŶ`Ŷ~J:LŶĊŶŇŶŴ:ŶŶŶĸŶĸŴŧŶŶĸŶŶĸŶĸŶĸŶĸŶĸŶĸŶĸŶŊŶŶŶĊŢŶŶŶŊŶŶŶŊŧŶŶŶĸŶŶŶſŊŶĴ#ŶŶŶŶĸŶĸŶĸŊŧ
#$`��~J:�`�J�`�~J:L�C��N�w�:�9�p��;#�#~�Fw�:�9wJYp�C��CJ��YJ���J:�9��#pw��fL`k#�`k�
#�:��`�k�Lcx���J��L+x:�L#��L8#;%L;8�;#LӚ`k#�`k�c��`�k�LQJ�J���L
p����`k#�`k����`�k�L���:�C#��L����L����L���p���������J-��xYJ:�L#J#���`k#�`k
$\Psi \text{#xk#1} \Phi \text{*\Phi} \text{k\Phi} \text{L} \text{#xk90\Phi YYp\Phi \Phi \Phi \text{L\Phi} \Phi \Phi \text{P} \text{L} \text{+x : \Phi L}
%L�L�~YL9LUp#�L��Yp:p�#J�p�:L9L�#�~����L���:�J`��~J:�`��~���
~�`�-�`��ɒbw�`��ɒbw�`~L��J��N���#YJ�1:k�-F`��-���—�`�pw�`~L��J��N���#YJ�#���L
         p�������� - ◆ `�-� `��如w� `�pwllp�N�--��Jp�#pS: J�x#� `~L��J��N��
         �#YJ�#�#�LJ#�L�x#L~#�~����L�S�:�JLp��Y�`��
~\hat{\partial} \cdot\hat{\partial} \cdot\hat{
                                                                                 �#YJ�1:k�~F`��•�熥
Ŷ#YJŶ;ŶĿŪ₽#ŶĿŶĴ#ŶŶĿŶŶŊŶĸŶĿĹŶŶĿŶĿŶĿŶĿŶĸŶĿĿŶĸŶĿŊŶ~JŶŶĿŴŶŶĿŶŶĦŶĸŶĿŶĴŶĿ#X#₽ŶŶŊŶŎĸŶ
ŶĿĸĸŶĿ#JŶŶŶ#ĿŶŶ#Ŷĸ$ŶĿŶŗġĿĹŶŶĴŶŗ:ŚŶĿŶŗŶŶĿŶŴŶŶŶŧŶĿĸŶŗ:SĿ~#Ŷ~Ŷ#ŶĊĿŶĴŶĿŚĸĴ#Ĵ:ŶŶŶŶŶĿ
~Ŷ`Ŷ~Ŷ`ŶŶŊ₩Ŷ`ŶŊ₩ĿŊŶŊŶ~~ŶŶJŊŶ#ŊS:JŶX#Ŷ`~ĿŶŶJŶŶŊŶŶ
                                                                                 �#YJ�1:k�~F`���熥
~Ŷ`Ŷ~Ŷ`ŶŶŊ₩Ŷ`ŶŊ₩ĹŊŶŊŶ~~ŶŶJŊŶ#ŊS:JŶX#Ŷ`~LŶŶJŶŶŊŶŶ
J�`���熥~�`�������DND-��Jp�#pS: J�x#�`~L��J��N���#YJ�1: k�~F`������-�`�~
$`$$p\\$`$p\\Lp$N$~-$$Jp$#pS:J$x#$`~L$$J$$N$$
         Ŷ#YJŶĿUp#ŶĿVŶJ#ŶŶŶŶŶĸŶŶĸŶĸŶĸŶĿŶĿŶĿŶĿŶĿŶŊŶŶĿĦŶŢŶŶĿIJp#ŶĿ#ŶĴŶĸŶ:Ŀ%
%LŶpŶŶĿJĿ;ŶŶĿŶJ#SŶ#ĿĸJŶpŶpŶĊĊĿJ;ŶĿŶxĸŶŶŶxŶ;ŶĿŶďŶxŶŶſŶ;Ŷ-#Ŷ-ŶŶJŶĿŶŶŶĿĿŶŶĿĿĸ;ŶĿUp#ŶĿVŶJ
#�LY��D;SL��L�w�#L��L-x#��J��L���L�J��L���CLw#�YL���LO��C�`��-���
~Ŷ`Ŷ~Ŷ`ŶŶpWŶ`ŶpWLpŶNŶ~ŶŶJpŶ#pS:JŶX#Ŷ`~LŶŶJŶŶNŶŶ
                                                                                 �#YJ�1:k�~F`��•�随
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፟ዏ#YJ�L�C��N�YJ#Sp:9k������;8�#-���c�J:,LCpx`��-�ゾᆅ-�`�-�`�Jk��L��J��N��
                         Ŷ#YJŶċJĸŶŶĿĸŶ#ŶŶĸ#ĿŶŶŶŶŶŶŶŶŶŊ;SN#ĿŶŶŶŶ~JŶŶĸ;SN#ĿŶĊŶŶŊŶĸŶĸŶ#ŶŶ#ŶŶŶŶŶŶŢŶĨŶŝŔŶ
7; `&#&`&&L&p&N;#%LWJ&pS:N&&-L&C&&N&&p&0 ~&FK&#&&#&:&:&FK&#&&###pS&&&&&&D;&$\dagge \dagge \da
L; $\p\ - \p\ F - J \partial p\; S\p\ : L\p\; p\; L\p\; p\; L\partial p\; \p\; \p\partial \partial p\; D\partial p
�#YJ�`pYSLk�#��#N#L�p�N;�8L��p$��N;#�Lp�N���####�p;#8%�L�#�N��p�pYJ$�##;�Spw�#;QU��
 | E���000��\#�LJ�N�E��#D-�D�:�LY�:�wD#�#��J�
1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F
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�~�`~L��J��N�� • �#YJ�`JL�#�wN����H��# �8#�9��8
ŁŶHŶŶ#_ĹŶŶŶŶ8Ŷ`ŶJŶ`Ŷ~J:ĹŶĊŶŶŇŶŶŶŶĦŶĸŶJŶ,ŶŶ1:kŶ~F#1:kŶ~F1:kŶ~F`ŶŶ~J:Ŷ`JĹŶ#ŶĸŇŶŶŶŶĦŶ
�#_�8#�8�9;8 ��H��# L�8�9;8 `�J�`�~J:L�C��N����#�K�J�,��1:K�~FU��`��~J:�`��~���-
�`��`-L��J��N����#YJ�`JL�#�wN�YJo�J#����N�:�wo#.#S���J#���J#���
?#S 焜��NiY�:�wp#?#S`�J�`���/@~�`�-�`~L��J��N��
Ŷ#YJŶ`ĸŶ`pŶŶĸŶĠŶĸŶ;Ŀ#ŶJŶŶŶŶŶŶŶŶŶŶŶŶŶĸŶ`ĸŶĿĸŶĸĘ`ĸŶĸŶĿĿ#ŶŶĿJ;ŶĿ~#ŶŶŶ#ĸŶĿŶĸĸŶĿJ;ŶĿ~#
�~�#�CLw#�YL���LɒY~J��L�wb#��L�ɒ�J��#�Lɒ:#x#CLJ:�Lɒ��:���`�k�`�ɒ�`���-���~�`�
�`�#�`�Jk��`~L��J��N�� �#YJ�1:k�~F`��-�II-�`�-�`���M�`�oM�`~L��J��N��
                         �#YJ�L�C��N�YJ#Sp:9k�����;8�#~���`k#��:L+x:L��L8#;%�LJ�L;#��8Lë�L0J�J���L
p����L1�F`JL�#�wN�YJp�:�J�J��N�:�-J#,��#S��:�J�J��N�:�-J#,��#S`�J�1S�FL�#���`���
�#YJ�`�~J:L�C��N�M�:�9�p��;;�#~�FM�:�9wJYp�C��MpJ���J:�9��#DMF���#D?;U�
%E��#ɒL����wL#�J~��xYJ:�L`��-J:�`��������~�`~�`~L��J�����
                         Ŷ#YĴŶ`Ŷ~J;LŶĊŶŶŊŶĸŶ;Ŷ9ŶſŶŶ:;Ŷ#~ŶFĸŶ;Ŷ9ĸJYſŶĊŶŶŶĦijŶŶŶĴ;Ŷ9ŶŶĦſĸFŶŶŶĦŶ?;UŶ
%F��1: k�~F`��~J:�`���简~�`�~�`~| ��J��N��
                         �#YJ�`�~J:L�C��N�M�:�9�p��;;�#-�FM�:�9WJYp�C���#DJ���J:�9��#pWF���#O?;U�
%E��#���LY�#:p:S�1:k�~FL�Ldžx���#Ī�WD�######L�p,�L��L-��J��L��:wp#YL���LUp#�LEp�#
p��LJ:�L��:�L�J#, L�xk��YYp����LY��o:SLp�L��o�Lk��:���JCL��
%LJ�L�~YLJ�LC�x#L�wwp�����J;�`���伽~�`�~�`~L��J�����
                         �#YJ�`�~J:L�C��N���:�9�p��;;�#~�Fw�:�9wJYp�C���#pJ���J:�9��#pwF���#�?;U�
%E��1:k�~F`��~J:�`���熥~�`�-�`~L��J��N��
                         Ŷ#YJŶ`Ŷ~J:LŶĊŶŶŊŶĸŶ:Ŷ9ŶſŶŶ::Ŷ#~ŶFĸŶ:Ŷ9ĸJYſŶĊŶŶŶ#ijŶŶŶĴ:Ŷ9ŶŶ#ſĸFŶŶŶ#Ŷ?:UŶ
%E���c�J:, LC�x�`��-J:�`���颂-Ф嫡-�`�-�`~L��J��N��
                         Ŷ#ŶĴŶ`Ŷ~Ĵ;LŶĊŶŶŊŶĸŶ;ŶŶŶĠĿŶĿŶĿŶĿŴ;ŶŶĸŊŶŗŶĊŶŶŶĦijŶŶŶĴ;ŶŶŶĦĸĸĔŶŶŶĦŶ?;ŪŶ
%E��1:k�~F`��~J:�`���熥~�`�-�`�pw�`~L��J��N��
                         �#YJ�`�~J:L�C��N�M�:�9�p��;;�#~�FM�:�9wJYp�C��#�9$��L#�#p~��F���#�?;U�%E��
                         �FW�;�9WJYp�C���#DJ���J;�9��#bWF���##Y;;��%E���D��CL�WL��;�L�J#,`��~J;�`��-�ji�~�`�~
�`~L��J��N��
                                                                       Ŷ#YJŶ`Ŷ~J:LŶĊŶŶNŶMŶ;Ŷ9ŶŊŶŶ
%E�����:�1:k�-FL��#���#9��;;`��-J:�`��-���/熥-�`~L��J��N��
                         �#YJ�`�~J:L�C��N���:�9�p�� ��Fw�:�9wJYp�C���#DJ���J:��#wF���##?;U�%E��|
YJpŶL`ŶŶ~J;Ŷ`JLŶ#ŶĸŃŶYJpŶ;ŶJŶĴŶŶŶŶ;Ŷ~J#,ŶŶ#SŶŶ`Ŷ~J;LŶĊŶŶŊŶĸŔ;Ŷ9ŶĸŶŶ
Ŵ~ŴFWŴ;Ŵ9WJYpŴCŴŴŴ#DJŴŴŴJ;Ŵ9ŴŴ#DWŴŴ;ŴJŴĴŴŴYŴ;Ŵ~J#,ŴŴ#S`ŴŴ~J;Ŵ`ŴJŴ`Ŵ~J;LŴĊŴŴNŴMŴ;Ŵ9Ŵ
p�? Ø ��Fw�:�9wJYp�C���#oJ���J:�9��#pwF���#?;U�%E��L`��-J:�`��-�ji
~Q`Q~Q`QQINQ`~LQQJQQNQQ
                        �#YJ�`�~J:L�C��N���:�9�p��;;�#-�Fw�:�9wJYp�C���#pJ���J:�9��###F���#�?;U�
```

%E��1: k�~F`��~J:�`���熥

```
~Ŷ`Ŷ~Ŷ`ŶŊŴŶ`ŶŊŴĿŶĊŶŶŊŶĸŶ#ŶŶ#Ŷ:ŶŦĸŶ#ŶŶ#ŶŶ#ŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶŢŶĹ;|;|;L;Ŷ#~ŶF~JŶŶp:SŶŶŶ#~ŶL#p:L#
p:L#p:��`~L��J��N��
Ŷ#YJŶ`KŶ`Ŷ~J;LŶĊŶŶŊŶĸŶ;ŶŶŶĸŶŶ;:Ŷ#~ŶFĸŶ;Ŷ9ĸJYpŶĊŶŶŎJŶĸĸĦŶŶŶŶJ;ŶŶŶŶĸĠĸŶŊ#ŶŶŶ`ŶŶ~J;Ŷ`
�k�`�~J:L�C��N���:�����;;�#~�Fw�:�9wJYp�C��OJ�pk#p���J:�9��#p���L#��J-��xYJ:�L#J#�
��LZ`��~J:�`JL�#�wN�YJp�J#������:�wp#?
#$��`�~J:L�C��N���:�����;;�#~�Fw�:�9wJYp�C��OJ�pk#p����J:�9��#pw��YJp�J#�������#
#$`��~J:�`�J�`�~J:L�C��N�w�:�9�ʊ��;;�#~�Fw�:�9wJYp�C��QJ�pk#p���J:�9��#jw��fL`k#�`k
�#�:��`�k�Lc�x#��JC�L�JCL;��L8#;
%L;�ÔLƏ`k#�`k��������J���J�LOJ#�:L1�F`��-J:�`JL�#�wN�YJ��J���J#�:�Y?
ŶŶŶŶ`Ŷ~J:LŶĊŶŶŇŶĸŶ:Ŷ9ŶpŶŶ;;Ŷ#~ŶFĸŶ:Ŷ9ĸJYpŶĊŶŶŎĴŶpk#pŶŶŶĴ:Ŷ9ŶŶ#pĸŶŶŶĴŶŶŶĴŶŶĴŦŶŶ?
Ŷ#LŶŶŶJ, pL1ŶF`ŶŶ~J:Ŷ`JLŶ#ŶwNŶYJpŶ~ŶŶŶJ, pŶŶŶŊŶZ;:?
@`�~J:L�C��N�w�:�����;;�#-�Fw�:�9wJYp�C��OJ�pk#p���J:�9��#pw��-���J,p���^��<u>#</u>!:�`��
~J:�`�J�`�-J:L�C��N���:�9�p��;;�#-�F��:�9wJYp�C��QJ�pk#p���J:�9��#p���1$�FFL���:�C#
��L���LEL1�F`��-J:�`JL�#�w\�YJp�J�Y�p:�C#�Y�:�-J#,��#S��`�-J:L�C��N�w�:�9�p��;;�#-�
FWŴ:�9WJYp�CŶŶŎJŶpk#p�ŶŶŶJ:�9ŶŶ#pWŶŶJŶYŶp:�C#ŶYŶ:�~J#,�Ŷ#$`�Ŷ~J;�`�JŶ`Ŷ~J;LŶCŶŶŊŶwŴ:
������;;�#-�Fw�;��IJY����O��OJ�ɒk#�����J:����#ɒw���1$�FFLOJ�J���L
p����L1�F`��~J:�`JL�#�M�YJp�:�J�J��Y�:�~J#,��#$��`�~J:L�C��N�M�:�9�p��;;�#~�FM�:�9
WJYp�C��QJ�pk#p���J:����#pw��:�J�J����-J#,��#S`��-J:�`�J�`�-J:L�C��N�w�:�9�p��::�
#~&Fw&:&9wJYp&C&&OJ&pk#p&&&J:&9&&#pw&&IS&FFL+&:&&:&&;&L&&K&#&L1&F`&&~J:&`JL&#&wN&YJp&+
�:��:�Y�:�-J#,��#$��`�-J:L�C��N�W�:�9�p��;;�#-�FW�:�9WJYp�C��QJ�pk#p���J:�9��#pW��
�+�:��:�^0;�^0;�-J#,��#S`��-J:�`�J:��-J:L�C��N�M0;�9�p��;;�#-�FM0;�9MJYp�C��QJ�pk#p���J
:����#pw��1$&F`k#�`k��������!�:�L��L1�F`��-J:�`JL�#�wN�YJp�#�w�#�p�Y�:�wp#?
#$$$\`$~J:L$C$$N$\$:$9$p$$;;$#~$F\$:$9\JYp$C$$OJ$pk#p$$$QJ:$9$$#p\$$#$\$#$\$#$\$\$;$\p#?
#$`��~J:�`�J�`�~J:L�C��N�w�:�9�ɒ��;;�#~�Fw�:�9wJYp�C��QJ�pk#p���J:�9��#pw��JS�FFLQJ
#~Q:QQ#QLQQQ#L1QF`QQ~J:Q`JLQ#QMQYJpQ~QJ#~Q:QQ#QQQ;QU#
�,�:�L�J����:L1�F`��~J:�`JL�#�wN�YJp�,#J�,�:���:�Up#:
#$��`�~J:L�C��N���:�����;;�#~�Fw�:�9wJYp�C��OJ�pk#p����]:����#pw��,#J�,�:���:�Up#?
#$`��~J:�`�J�`�~J:L�C��N���:�9�ʊ��;;�#~�Fw�:�9wJYp�C��OJ�pk#p���J:�9��#ow��JS�FFL#p
������,�L+�:L1�F`��~J:�`JL�#�wN�YJp�#�:��Y�:�wp#?
#$��`�~J:L�C��N���:�9�ɒ��;;�#-�Fw�:�9wJYp�C��OJ�pk#p����J:�9��#pw��#�:��N�:�wp#?
#$`��~J:�`�J�`�~J:L�C��N�w�:�9�p��;;�#~�Fw�:�9wJYp�C��QJ�pk#p���J:�9��#pw��JS�FFLcp
YLQ#�Yp:L1�F`��~J:�`JL�#�wN�YJp�#�Yp:�Y�C�#�:JW?
?₽
Y`��~J:�`�J�`�-J:L�C��N�w�:�9�p��;;�#~�Fw�:�9wJYp�C��QJ�pk#p���J:�9��#pw��JS�FFL#��
~$J:p$LE$L$:$p\\@#$$L1$F`$$~J:$`JL$#$\\\$YJp$#$$~$J:p?:$p\\@#$#!x:p#$#\\p$$4|
&Y��`&~J:L�C��N�M�:�9�p��;;�#~�FM�:�9MJYp�C��QJ�pk#p���J:�9��MpM��#���J;p?:�pW�#�
몣 x:p#�#₩p��
&Y`&&~J:&`&J&`&~J:L&C&&N&w&:&9&p&&;;&#~&Fw&:&9wJYp&C&QQJ&pk#p&&&J:&9&&#pw&&1$&FFL#&
ŶJ~ŶŶxYJ;ŶĿ#J#ŶŶŶĿĹŶF`ŶŶ~J;Ŷ`JĿŶ#ŶĸŇŶYJpŶJ#ŶŶŶŶĸŶ;Ŷĸo#?
#$��`�~J:L�C��N���:�����;;�#~�Fw�:�9wJYp�C��QJ�pk#p���J:�9��#pw���J#����N�:�wp#?
#$`��~J:�`�J�`�~J:L�C��N���:�9�p��;;�#~�Fw�:�9wJYp�C��QJ�pk#p����J:�9��#pw��1S�F`k#�
k�#xk#I @`�k�L��L#xk9Q�YYp����L��p:SL9L+x:�L
%L�L�~YL9LUp#�L��Yp:p�#J�p�:`��~J:�`��~Ø:@~�`�-�`��pw�`��pw�`~L��J��N��
     �#YJ�1;k�~F`��~���~�`�~�`�ow�`~L��J��N���#YJ����`��~���
~Ŷ`Ŷ~Ŷ`ŶŶŊĸŶ`ŶŊĸĿŊŶŊŶ~~ŶŶJŊŶ#pS:JŶx#Ŷ`~ĿŶŶJŶŶŊŶŶ
                                                �#YJ�1:k�~F`��◆随
~$`$~$`$$p\\$`$p\\Lp$N$~~$$Jp$#pS:J$x#$`~L$$J$$N$$
```

```
�#YJ�1:k�~F9L��p#�L���xY:L��:�`��

##YJ�1:k�~F9L��p#�L���xY:L��:�`��

##YJ�1:k�~F9L��p#�L���xY:L��:�

##YJ�1:k�~F9L��p#�L��
~Ŷ`Ŷ~Ŷ`ŶŶŊĸŶ`ŶŊĸĿŊŶŊŶ~ŶŶŊŊŶ#ŊS:JŶX#Ŷ`~ĿŶŶJŶŶŊŶŶ
                                                                                                                                                                       �#YJ�1:k�~F`��-�熥
~$`$~$`$$p\\$`$p\\Lp$N$~~$$Jp$#pS:J$x#$`~L$$J$$N$$
                                                                                                                                                                       �#YJ�1: k�~F`��◆熥
                                                                                                                                                                       �#YJ�c�J:,LC�x`���熥-�`�-�`�
~$`$~$`$$dw$`$pwLp$N$~~$$Jp$#pS:J$x#$`~L$$J$$N$$
�pw�`�pwl p�N�-��Jp�#pS: J�x#�`~| ��J��N���#YJ�1: k�-F`��-�`酺-�`�Jk�� �zJk�� ��J��N��
                   Ŷ#YJŶċJĸŶŶĿĸŶ#ŶŶ#₩#ĿŶŶŶŶŶŶŊĠŊĸŊĸŊĸŊĸŊĸŊŶŶŶĸŊŶĸŊŔĸŊŧŶŶŦŶŶĸŶĸŶĸŶĸŊŶĸŶĸŊ
卍、◆#◆、◆◆L◆p◆N;#%LWJ◆pS:N◆◆~L◆C◆◆N◆◆D��
   ~ŶFkŶ#ŶŶ#Ŷ:Ŷ:ŶFkŶ#ŶŶ#9#pSŶŶŶŶŶŷ$LŶp:Ŷ‡?
�#YJ�`pYSLk�#��#N#L�p�N;�8L��p$��N;#�Lp�N���####�p;#8
1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F
F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-
~F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�
�~F1:k�~F1:k�~F`���熥~�`�����������BLWJ�pS:N��~L��������ĵî
~�F~J��p:S�#p:L�;p:L#p:L�;p:��`~L��J��N��#YJ�`k�#J#���J-��xYJ:`�k�`�����~�`�
~@`~L@@J@@N@@
                                                       �#YJ�`k�Up#�LO�p�w`�k�`���熥~�`�-�`~L��J��N��
Ŷ#YJŶŶ:ŶLŶJ#, LUp#ŶLŶ#ŶŶpŶ; LEpŶ#pŶŶ1; kŶ~FL#1; kŶ~F1; kŶ~F`JLŶ#ŶMŶŶ9J~~ŶŶ9ŶJŶJŶŶŶŶ#
�~�`~L��J��N��
                                                     Ŷ#YJŶ`JĿŶ#ŶĸŇŶŶŶŶĦŶŶ#Ŷ8#Ŷ9��8
ZŶHŶŶ# ĽŶŶŶŶŶŶŶŶŶŢŶŶŢĿŶĊŶŶŇŶŶŶŶĦŶĸŶŢŶŢŶŶŢŧĸŶ~F#1;ĸŶ~F`ŶŶ~J;Ŷ`JĿŶ#ŶĸŇŶŶŶŶĦŶ
�#_�8#�8�9;8 ��H��# L�8�9;8 `�J�`�~J:L�C��N����#�K�J�,��1:K�~FU��`��~J:�`��~���-
�`�-�`-L��J��N�� �#YJ�`JL�#�wN�YJp�J#���N�:�wp#:#S���J#����J#����
?#S 焜��NjY�:�wp#?#S`�J�`��嗵~�`�-�`~L��J��N��
�#YJ�`K�`p��p��o�:L#�J��Y�:��`�p�`�K�`p�1:K�-F`K�c�L~#�� LJ:�L~#���HW}LÐpw�LJ:�L~#
�`�#�`�Jk��`~L��J������#YJ�1:k�~F`������-�`�-�`�����`�L��J������
                   �#YJ�L�C��N�YJ#Sp:9k�����;8�#~���`k#��:L�JCL;��L8#;
%ŶĹĴŶĹ;ŶŶ;ĹĔŶĹ#ŶŶĴ~ŶŶXYĴ;ŶĹ#Ĵ#ŶŶŶĹĹŶF`ĴĹŶ#ŶĸŊŶŶĴ௺ŶĴ#ŶŶŶŶŊŶ;ŶĸĸĸĦ$ŶŶŶĴ#ŶŶŶŶĸŶĸſĸĸĸĦ
#S`�.1�1S�FI �#���`����
~Ŷ`Ŷ~Ŷ`ŶŶĸŶ`KŶ,ŶxŶŶŶLŶĊŶĸŶYJ#Sp:9ŶŶ~ŶK#~ŶFYJ#Sp:9KŶŶŶŶĸŒĸ#~ŶŶŶ`ŶĸŴ`ŶĸŴ`ŶĸŴ`ŶĸŴ`ŶĸŴ
�`~|��J��N��
                                                       Ф#YJФ0Фx:ФрФLФФИКФ#ФLQJ#Ф:ФLФФФJ,pLJ:ФLФJ:JSФ#LФФФ:ФС#Ф`ФФ-ФШ-Ф
 `���`��pw�`�pwLp�N�--��Jp�#pS:J�x#�`~L��J��N���#YJ�1:k�-F`��-�随
~$`$~$`$$dw$`$pwLp$N$~~$$Jp$#pS:J$x#$`~L$$J$$N$$
                                                                                                                                                                       �#YJ�K�L�, Lw�#�J#�L��L�x#L:?
LYŶŶŒ:SLŶĸŶĸŶŁĊŶĸĹŶ:L+x:ŶĿ%ŶŶĿĴŶĿŶ~YĿĴŶĿŶĸ#ĿĴŶYŒ;ĸŶ#ĴŶĸŴŶĿŶĸŴ₽ŶŶŶ`ŶŶŶĬĨ
~Ŷ`Ŷ~Ŷ`ŶŶŊŴŶ`ŶŊWLŊŶŊŶ~~ŶŶJŊŶ#ŊS;JŶX#Ŷ`~LŶŶJŶŶŊŶŶ
                                                                                                                                                                      �#YJ�1: k�~F`��•�熥
~Ŷ`Ŷ~Ŷ`ŶŶŊ₩Ŷ`ŶŊ₩ĿŊŶŊŶ~~ŶŶJŊŶ#pS:JŶx#Ŷ`~ĿŶŶJŶŶŊŶŶ
�#YJ��L�J:���L�ÒLYJ,�LC�xL��#�LJ�J#�L�ML���NJ���#��#�^�###########L��J�L�J�L;pS��LHcx
ŶŶŶĴĊĿĴĿŶĴ#Ŷ#pŶĊĿŶĸĿŶŶŶĿŨp#ŶĿŶŶĴ#ŶĿŴŶŶŶŶĿp:ĿĸĴŴŶ#ĿŶĸĿ:ŶĿŶ:ŚŶ#Ŀ~x#Ŷxp:ŚĿŶŶŶĿ#ŶŶxŶŶĿ
��L���,LC�x#LJ~~#�WJ�Lw�#LpY~J��Lw�����
~\hat{\partial} \hat{\partial} \hat{
                                                                                                                                                                      �#YJ�1: k�~F`��•�随
�#Y.J��: L.J��n�n�:�I ��I ��I �.Jw�LJ��IZ!
~~��LJ��L�ww�#��L��L��Y-����CL#�Kxp��LJ:�L�~J:�LUp#�L#�J�p�:L%
%ŶĿĸŶĿŶŶŶĿŶŶĿŶĸŶĸŶĸĬĿ#ŶĸŶĿŶĸŴŧŧŶĿŶŶĿŶŧŔĬŶŶĿĬĿŶŶŶŧĠŶŧŶŶŧĸŊŶŶŶŧĸĬŶĸĸĸĸĸ
�L#�J�p�:L���L�p��L���L����L����L����L���LJ:�LUJ��k��,LJ�L�x#L:?LY��p:S� ������
```

Ŷ#YJŶŶŶŶŶĸĹĸĸŶŶŶŶĹŖŶŶŶĹŊŦŶĹŊŦŶĹŊŦŶŶĸŶŶŶĹŊŦĹŶĸĦĹIJŊĦŶĹŶŶĬŦŶĬĊĹŢŶĬĊŢŶŊŶŶĹŶĬŶŶŶŶĹŶĸĦĹ ŶŶĸŶŶſŶŶĹŶŦĹŦĸŦŶŶĹŶŶŶĹIJŊĦŶĹŶŶĬĦŶĹŶŊŶŶĹŶŶŶĸĦĬŶŶĹŶŶŶĹŦŶŶĹŶŶĹŶŶĹŶŶĹŶŶĹŶŶĹŶŶĹĬŶŊŊŦŶŶŶĊ

```
L~#�~���L��\L~x#���J���L����LUD#�Ł#�J���;��Ł��]:�Lw#�YL����LOD����
                                                                                                                                                                                                                                                                                       �#YJ�1: k�~F`���頒
~Ŷ`Ŷ~Ŷ`ŶŶŒŶŶŢŶŊŊŊŶ~ŶŶĬŊŶ#ŊS:JŶX#Ŷ`~LŶŶĬŶŶŊŶŶ
~ $\ \Phi - \Phi \cdot \Phi \rightarrow 
                                                                                                                                                                                                                                                                                       �#YJ�Up#�L�J#�J�L+�:L+��:
 Z;|:LJ���:���L���LY��p:SLp:L���LKp����L��;p$��L��p:SL�#Jwvp�L�J�Yp:SLJ:�L�x�L��#
ŶXSŶŶĿŶŶĹJSJp:LŶŶŶĹĔpŶ#pŶŶĿŶĴŶĿŶŶĿŶp#ŶĊĿŶŶĸŶŶĸŶŶĿŶĸĿŶŶĸŶĿŶĸĿŶŶŶŊ:SŶĿĊŶŶĿŶp
 :XŶŶĹŶŶĹ;ŶŶĹp;ŶŶXŶŶĹŶŶŶĹĹŊ#ŶĹĔpŶ#pŶŶĹp;ĹYJŶŶŶ#ŶĹŶwĹŶpS;pwpŶJ;ŶŶĹJ;ŶĹ~XKŶpŶĹŶJwŶĊĹĴŶ
LpQLJ~~QpQQLQQQLWJ#pQxQL#QJQQJCLJ:QLQQQQHL~#Q#Q#QLKQLQQQQ-Q#JQQQQL;QQQLQQLQQLQQLQQ
X��F���,Lk�����ELO�X;�����YK�#LOJ#�;L�;��L;����L�J�LYp��ɒ;S�`��-�隨
~Ŷ`Ŷ~Ŷ`ŶŶſĸŶ`ŶſĸIJŊŶŊŶ~ŶŶĬŊŶ#ŊS:JŶX#Ŷ`~ĮŶŶJŶŶŊŶŶ
                                                                                                                                                                                                                                                                                       ②#YJ�1:k�~F`��◆頒
~ \( \dagger \
Ŷ#YJŶ#OŶ#LŶŶŁŶx#LYŶŶĸ;SŶĿŶŁŶĸŶĸĿŶĸŶĸŶĸŶĸĿŶĸŶŶIJĿ~#ŶĸŶŶŶĸIJĿĸŶĸŶŶŶŶĸ#ŶĸĸĸŶŶŶĸĬĸŶĸĬŶĸĸŶĸŶĸŶĸ
�J:L���L�xk�J:��L�wLC�x#L#��x��
LŶJYL+Ŷ:ŶŶL~xkŶpŶĿŶŶYŶ:ŶŶL#ŶŚJ#Ŷp:SĿŶŶpŶĿpŶŶYĿJŶĿCŶx#ĿQŶx:ŶpŶĿYŶŶp:SĿ#ŶŶ:JŶŶŶĿŶpŶŶ
LXŶLJ;ŶLYJ;CLŶŶŶŶŧŶŶŶĠŶĬĨ~Ŷ`ŶŶŶŶĬŎŶŶŶŊŊŶ`ŶŊŊĿŊŶŊŶ~ŶŶJŊŶ#QS;JŶX#Ŷ`~LŶŶJŶŶŊŶŶ
                                �#YJ�1: k�-F`��-�牐-�`�-�`��⋈�`�pWLp�N�--��Jp�#pS: J�x#�`-L��J��N��
                                Ŷ#YJŶŶĿŊYĿŶŶ~o;SĿŶŶĿŶij;ĿŶij#ŶĿŶŶĿĹŶŶĿŢŶĸŶŶĔŶĸ#Ŀ#ŶŶĬŶĸŶċĿĸĸŶĿŶĸ#ĿŶĸĨ
#p�J�L��:w�p���L�J��J���L-��x#��LJ:�L-��j��p�:�L�:Lk����L�p���L�p��J�L�p���L����L��
LK�LJ��#�����LJ:�L#�~Jp#��Lp:L�#��#L��L�#x�CLY�W�Lw�#�J#�`������
~\hat{\partial} \cdot\hat{\partial} \cdot\hat{
                                                                                                                                                                                                                                                                                       �#YJ�1: k�~F`��•�熥
~Ŷ`Ŷ~Ŷ`ŶŶŊ₩Ŷ`ŶŊ₩ĹŊŶŊŶ~~ŶŶJŊŶ#ŊS:JŶX#Ŷ`~LŶŶJŶŶŊŶŶ
Ŷ#YJŶŶĿĠžĸŶŶĿJŶŶĿŶŧŶ;SŶĊĿŶ;ŶŶĸ#JSŶĿĊŶĸĿŶŶĿŶĸĸŶŴĊĿŶŴŶĿĸŶ#ŶJ#ŶĿŶĸŶŶŶŶŶŴŶĿŶŶĸĸŶĿŶĸŶŶĸŶŶĸŶŶĸŶŶĸŶŶĸŶŶĸŶŶ
 : ��:��L~#�-��J�Lw�#LJ��p�p�: J�L�wp��#�LJLw�x#��Lk�J��L#�SJ#����Lw�x:�p:
SLŶX#ŶŶĿ#pŶĿJŶŶŶŶŶŶŶŶŶŶĿŶĸŶŶĬŶĿ₽ŶĿŶpŶŶĿŶŊŢŶĿŶďžĿĊŶJ#ŶĿŶŶĿJŶŶXĴŶŶĊĿŶĬŴŶĿŶŶŶŶŶĸĸĸĸŶŶ#ŶĿ
~\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{\phi}\hat{
                                                                                                                                                                                                                                                                                      �#YJ�1:k�~F`��•�熥
~ \( \dagger \
Ŷ#YJŶċŶŶĿIJp#ŶĿĔpŶ#pŶŶĿŶJ#ŶŶŶĿpŶŶĿ~#ŶŶŶŶŶĿŶďŹĿĊŶJ#ŶĿJSŶĿJ:ŶĿĸĊĿŶ~#p:SĿŶwĿ8#;ŶĿŶŶĿŶŶ~
ŶĿŶŶĿŶJŴŶĿŶſŎĦŶŶĿŶĦĿŶŶĿŊŊĦŶŴŊŚŶŶŶĦŶĿŶŴŶĦĿŶŶĦŶŶĿŶŶĬŶĿŶŶŢŶŊŶŊĿŚĿŶĸĦĿŶĴŊŶĊĿŶĴŴŊĿŚĿĸ
CLŶL~Ŷ#Ŷ::ŶŶLŶŶLJLYp:pYxYLŶwLŶ#L~Ŷ#Ŷ::ŶŶLŶ:LŶxŶCL~Ŷ#LŶJCLJ:ŶLKCLJŶŶp:SLŶdžL:ŶŶLx:pŶ
 ��:L���LIJ�L#p��L�wL#pS��JCL;#;�`��◆颂
~\hat{\partial} \cdot\hat{\partial} \cdot\hat{
                                                                                                                                                                                                                                                                                      �#YJ�1:k�~F`��•�随
~ $\ \Phi - \Phi \cdot \Phi \rightarrow 
                                �#YJ�#J�L��L, :��:Lp:L8#;#�LDz�:L#J���JCL�J�L~#�-�����L��J�L��L�
XŶŶĿŶJWŶĿĦXŶĿ~J#Ŷ:Ŷ#ŶŶĿŶpŶŶĿŶŶŶĿŶŶŶŶŶŶĿŶĿJĿŶĸŶ;ŶĿŶĿĿJĿ#Ŷp:ŶĿŶxĸŶpŶĿ#JwŶĊĿpY~JŶŶĿwŶ
��L-�#�J-�L�Ldžx��:��Lk�L�#p�p:SL��p�LY���JS:⑥}`��-�随
�#YJ�1:k�~F`��•�熥
~Ŷ`Ŷ~Ŷ`ŶŶŊ₩Ŷ`ŶŊ₩ĹŊŶŊŶ~~ŶŶJŊŶ#ŊS:JŶX#Ŷ`~LŶŶJŶŶŊŶŶ
p:SLwQ#Lx:pQQLQQL:JWpSJQQLS#pQQ,LQ#JwwpQLQQQLQQLQSQLwQ#LQ#JSQQC;LKQLYJCLQJWQLQx#L
�pww�#�:����Lkx�LYCL�-�p��LDz�:Lp�L��Y��L��L���:�CLwp���L�-�#J�p�:�LJw��#Ldž#, p
 :SL@@#@Lw@#L@
%LCQJ#QLJ#QLQ#CQJQLQQQJ#QLQQLwxQQCLQx~~Q#QLQQ:QLQELJ:QLQQpQwL+Q:QQ:QQL~#Q~QQJQ`QQ
   ~\hat{\partial} \cdot\hat{\partial} \cdot\hat{
                                                                                                                                                                                                                                                                                      �#YJ�c�J:, LC�x`��-�頌-�`�
�pw�`�pwLp�N�-��Jp�#oS:J�x#�`~L��J��N���#YJ�1:k�-F`��-�`ii-�`�Jk��J��J�����
                                Ŷ#YJŶċJĸŶŶĿĸŶ#ŶŶ#N#ĿŶŶŶŶŶĸĴŶŊſŚŊ#ĿŶŶŶŶĸĴŶŶŊſŚŊ#ĿŶĊŶŶŊŶĸŶ#ŶŶ#ŶŶŶŶĴŶĨŶĨŶ
录`�#�`����N;#%LWJ�pS:N��~L����N����� ~◆Fk�#��#�:�:�Fk�#��#pS����������:�‡?
�#YJ�`pYSLk�#��#N#L�p�N;�8L��p���;#�Lp�N���####�p;#8DL�#�N��p�pYJ$�##;�$pw�#;0U��I
E���000��\#�LJ�N�E��#p-�p�:�LY�:�wp#�#��J�
1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-
```

```
~F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�
~�F~J��p:S�#p:L�;p:L#p:L�;p:��`~L��J��N��#YJ�`k�#J#���J#��J-��XYJ:`�k�`��-�熥~�`�
~Q`~| QQJQQNQQ
                         �#YJ�`k�Up#�LO�p�w`�k�`��∮酺~�`�~�`~L��J��N��
Ŷ#YJŶŶ:ŶLŶJ#, LUp#ŶLŶ#ŶŶpŶ; LEpŶ#pŶŶ1; kŶ~FL#1; kŶ~F1; kŶ~F`JLŶ#ŶMŶŶ9J~~ŶŶ9ŶJŶJŶŶŶŶ#
���#�#��;%#L�p�����ֈ����1:k�-FL#1:k�-FL��:�L�J#,�L�1:k�-FL �#8�`�J�`�����.
�-�`~L��J��N��
                        Ŷ#YJŶ`JĿŶ#ŶĸŊŶŶŶŶĦŶŶ#Ŷ8#Ŷ9ŶŶ8
ZŶHŶŶ# ĽŶŶŶŶŶŶŶŶŶŢŶŶŢĿŶĊŶŶŇŶŶŶŶĦŶĸŶŢŶŢŶŶŢŧĸŶ~F#1;ĸŶ~F`ŶŶ~J;Ŷ`JĿŶ#ŶĸŇŶŶŶŶĦŶ
ዏ# �8#�8�9;8 ������ :8 `���9:8 `�J�`�−J;L������������������.���1:k�−F∪��`��−J;�`���∭~
�`�-�`-L��J��N�� �#YJ�`JL�#�wN�YJD�J#������:$wp#:#$���J#����A:$wp#
#$`�J�`�~J:L�C��N����H�K�J�,��1:K�~F#1:K�~F1:K�~F`��~J:�`JL�#�wN����������Nh�:�ww#
?#S 焜��NjY�:�wp#?#S`�J�`��颂~�`�-�`~L��J��N��
�#YJ�`K�`p��p��o�:L#�J��Y�:��`�p�`�K�`p�1:K�-F`K�c�L~#�� LJ:�L~#���#W�L�pw�LJ:�L~#
�~�#�CLw#�YL���LpY~J��L�wLwp#��L�p�J��#�Lp:#x#CLJ:�Lp��:���`�K�`�p�`������-�`�
�`�#�`�Jk��`~| ��J��N�� �#YJ�1: k�~F`��-�熥
ŶXŶŶŶ`ŶŶ₩Ŷ`ŶKŶŶĊŶ
(PAPAPA)
%ALA9ALAUApA#A�ALA�A�AYApA:ApA�A�A#AJA�ApA�A:ALAHA�A~AYALA~A#A�A9AYA�ASALApA:ALAUAp
                                                          ��L�Ÿ�Ł N | �•O#�
A�A�AKA�A�A�A A�[liggT6|y@NO�c�L�UL�|
                                                                                   # | LŶEŶŶ
                                                                                                    @#c@@ci|
L#����LHU�E�V�#U8�#�E�c �0
                                                                           #�\\'��
                                         N�|0∀�|
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        �AAAAAD���XV#G#P�A���'6AAAAAA��NO�C�L�UL�|
                                                                           ��L��� N | ��0#�
                                                                                                    # | L�E��
        �#C��cj|L#����LHU�E�V�#U8�#�E�C_�O N�|OY�|
                                                                           c#�Q
#.�xN|
���J:S�L��Yp:p�#J�pW�L##�x~LHU�E�V�#US�#�E�c �:N��p~p�:���:N:�YJ#pJ:�AOAJA�AJA�A�A�
AŶALA AŊAŶAŶAŶAŶAAAAADŶŶŶXV#G#PŶAŶŶŶ¹6AAAAAAAŶŊQŶĊŶĿŶUĿŶ| ŶŶĿŶゾŶŁŊ|ŶQ#Ŷ
L�E���#c��ci|L#�����LHU�E�V�#U8�#�E�c_�O N�|Oy�|
                                                                           c#�0
        NŶſ#ĊĸŶĸŶĸŶĸŶĸŶĸŊĸ, ApĸŶĸĹĸŶĸŶĸŶĸŶĸŶĸĦĹĸŶĸĬŢŨŊŎŶĊŶĹŶŨĹŶĬŶŶĹŶſŶŦŊĬŶŌ#Ŷ
LŶEŶŶŶ#ĊŶŶċ|L#ŶŶŶŶLHUŶĔŶVŶ#U8Ŷ#ŶĔŶĊŶO NŶ|OYŶ|
                                                                           # | L�E��
                                                 $#C$$Ci|L#$$$$$LHU$E$V$#U8$#$E$C $0 N$10\$|
        C#�Q N�g#c;; A|A�A�A�ANAQA�ACA�ALA�AUALA�A|A
                                                                           A PAPALA PAPAPAPAPAPANA |
A�AQA#A�A
                A#A|ALAŶAEAŶAŶA AŶA#ACAŶAŶACAŶAŶA\
ALA#AŶAŶAŶAŶAŶALAHAUAŶAEAŶAVAŶA#AUA8AŶA#AŶAEAŶACA AŶAOAANAŶAIAOAŶAŶAŶAŶAIA ACA#AŶAOA
                A#AŶAŶAŶAŶAŶA
        ANA
AŶAŶAŶAŶAŶALA-AŶAYAŶALA9ALA#AXAKA9AOAŶAYAYADAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶADA:ASALA9ALA+AXA:AŶA
%ALA9ALAUApA#A�ALA�A�AYApA:ApA�A�A#AJA�ApA�A:ALAHA�A~AYALA~A#A�A9AYA�ASALApA:ALAUAp
AŶAŶAŶAŶAŶAŶAŶA A6Tqq#ŶvŶ#ĊŶJŶŨŶ)Od|AŶAŶAŶANAOAŶACAŶALAŶAUALAŶA|A
        AQAQALAQAQAQAQAQAQANA|AQAQA#AQA A#A|ALAQAEAQAQA AQA#ACAQAQACAQAQA|
ALA#AŶAŶAŶAŶALAHAUAŶAEAŶAVAŶA#AUA8AŶA#AŶAEAŶACA_AŶAQAANAŶA|AQAŶAŶAŶA]A ACA#AŶAQA
        ANAŶAŶAŶA#ACAŶAŶAŶAŶA\AŶAŶAŶANAOAŶACAŶALAŶAUALAŶA | A
        AŶAŶALAŶAŶAŶAŶAŶAŶAŶANA|AŶAOA#AŶA A#A|ALAŶAEAŶAŶA AŶA#ACAŶAŶACAŶAŶA[
ALA#AŶAŶAŶAŶALAHAUAŶAEAŶAVAŶA#AUA8AŶA#AŶAEAŶACA_AŶAQAANAŶA|AQAŶAŶAŶA|A ACA#AŶAQA
        ANAŶAŶAŶA#ACAŶAŶAŶAŶA`Ŷ%8JŶŶĸŶĸŶĸŶŶŶĸŶĸŶ;ŶĸŸŢŶŶ
Ŷ:ŶŶŶ:Ŷ~J#.ŶŶĴŶAAAAADŶŶŶXV#G#PŶAŶŶŶŶĠĠAAAAAŶNODŶĊĹŶwĹŶŶ:ŶĹŶĴ#.ŶXNĬ
���J:$�L��Yp:p�#J�pW�L##�x~LHU�E�V�#U8�#�E�c �:N��p~p�:���:N:�YJ#pJ:�AOAJA�A�A�
AŶALA ADAŶAŶAŶAŶAŊŶŊQŶĊŶĿŶUĿŶ
                                                  ��L�√� N | �0#�
                                                                           # | L�E��
                                                                                            @#c@@ci|
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F1:k�-F1:kV-

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L#����LHU�E�V�#U8�#�E�C
                                      c#�0 N
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            N� I O∀� I
 ₽0
            A PAPALA PAPAPAPAPAPAPAPANA I A PAPALA PAPAL
ALA#AŶAŶAŶAŶAŶAŶAŶAŶALAHAUAŶAEAŶAVAŶA#AUA8AŶA#AŶAEAŶACA_AŶAQAANAŶA|AQAŶAŶAŶAŶA\A
                         A#AŶAŶAŶAŶAŶA
            ANA
AŶAŶA:AKAŶAŶA"ZeggT6ŶAŶAŶAŶAŶALA~AŶAYAŶALA9ALA#AXAKA9AOAŶAYAYADAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶA
ASALA9ALA+AXA: A ALA
%ALA9ALAUApA#A�ALA�A�AYApA:ApA�A�A#AJA�ApA�A:ALAHA�A~AYALA~A#A�A9AYA�ASALApA:ALAUAp
A�A�AKA�A�A�A_A6!AAAAA!�AAA[�|H٣##;��U!�AA6!AAAAA!�AAA[�|H٣##;��U!�AA6!AAAAA!
�AAA[�|H٣##;��U!�AA6!AAAAA!�AAA[�|H٣##;��U!�AA"zeggT6v�#C�J����)Od`A A�A
%A8AJA�A�A�AWA�AWA�AWA�AWA�A�A A�AKA A�AKA AKA�A;A�AKA A A�A�A�A�A�A�A|
A�A; A�AYA�A: A�A�A~AJA#A, A�A�A�A�AJA�A�A����ggT6�zeggT62�FD�V�!�VP�CAAAA�
%1�X��E#$||�A#v�L��}�#�n�D#HA1i00AA���#$F�O��#.SA6����Av�#C�J���� )0d�AA?
�3##4^#ApALA�A�A�A�A#ALAJA:A�ALAQAJA�A�A#ApA:A�A�AdA�AdA�ACA�A�ALAYA�A�ACA�ADA:ASAL
A�ApA�A�ALA�A�ALAwApA#A�ALA�Ap�A�A#ApA�A�ALA�ApA�ALA�AJA#A�ALA�ALA�A�A
AŶA#AŶALAJAŶALAOADAŶACALA#AJAŶAŶAŶALAJAŶALAŶA~AYALADA;ALAŶAŶAŶAŶALAUADAŶAŶAŶAKAŶAŶAŶAŶAŶA
�AdA�ACA�AJA:A,ALACA�AXA�AdA�AdA�A
ADAŶAŶAŶAŶALAOAJAŶAJAŶAŶAŶAŶAŶAŶAOADAŶACALAŶAWALAŶAŶA:AŶAŶALAŶAJA#A,AdAŶAŶAŶAŶAŶAŶA
LALAŶAŶA#A9AŶAŶA;A;AdAŶA
AYAJADAŶAŶALA:AŶAŶAJAŶAJAŶAJAŶAŶAŶAOAJAŶAJAŶAŶAŶAŶAŶALA
            ADAŶAŶAŶAŶAAAADŶŶŶXV#G#PŶAŶŶŶŶĠAAAAAAŶNODŶCĹŶwĹŶŶ;ŶĹŶJ#,ŶXNĬ
���J:S�L��Yp:p�#J�pW�L##�x~LHU�E�V�#U8�#�E�c �:N��p~p�:���:N:�YJ#pJ:�AQAJA�A�A�
AŶALA ADAŶAŶAŶAŶAAAADŶŶŶX#G#PŶAŶŶŶ'6AAAAAAŶNODŶĊĿŶwĿŶĿŶĿŶJ#,ŶXN|
���J:S�L��YD:p�#J�pW�L##�x~LHU�E�V�#U8�#�E�c �:N��p~p�:���:N:�YJ#pJ:�A|
A�A�A�ANAQA�ACA�ALA�AUALA�A|A A�A�ALA�A�A�A�A�A�A�A�ANA|A�AQA#A�A A#A|ALA�AEA�A�A
            AŶA#ACAŶAŶACAŶAŶA|ALA#AŶAŶAŶALAHAUAŶAEAŶAVAŶA#AUAŠAŶA#AŶAEAŶACA_AŶAQA
             ANAŶA|AOAŶAŶAŶA|A ACA#AŶAOA
                                                                                          A#AŶAŶAŶAŶAŶA
                                                                            ANA
                                                                                                                                A�AI
AŶAŶAŶANAQAŶACAŶALAŶAUALAŶA|A AŶAŶALAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶA
                                                                                                                                            A#A|ALA�AEA�A�A
            A PAHACA PAPACA 
                                                                                          A#AŶAŶAŶAŶAŶA
            ANAŶA|AQAŶAŶAŶA|A ACA#AŶAQA
                                                                                                                                A PAQAJA PAQAJA PAQA PAQALA
                                                                             ANA
            ADAŶAŶAŶAŶAŶAOAJAŶAJAŶAŶAŶAŶAŶA
            ApAŶAŶAŶAŶAQAJAŶAJAŶAŶAŶAŶALA
ADAŶAŶAŶAŶA.AŶAŶAJAŶAJAŶAŶAŶAŶAŶAŶAŶAYAŶA-AJA#A,AŶAŶA#ASA:AŶAŶAJAŶAJAŶAŶAŶAŶAŶAŶA
ŶAŶA~AJA#A, AŶAŶA#ASALA#VŶLŶŶĬŶ#ŶĭŶD#HAŶ
����AAAAAA��A:A9A�A#AVACANA8AFA�A�ANAZAOA�AEANA%A A�A#A�A
%AJAŶA9AŶA;AWA8A9AŶAŶAŶAŔAAAKAŶAŶA A9AŶAKA%AJAWAŶAŶA AŶAŶA#AŶAFAŶAEAŶA#A|
AŶAEANAEA8AEAUAEAUAQAŶA#AŶAFAŶAEAŶAQAŶAŶA
ACANA; AFAFAUAŶAŶAŶANA8AŶAŶANA#A; AFAŶAŶA#AŶADAŶA: ANAŶAŶA#AŶADAŶA: ALA; AŶAŶA#ALAHAVA
XADAŶAŶALA;A;AŶAŶAŶA#A_AŶALA#AŶAJÁSAŶANA#AŶAŶA:AŶA:AŶAŶA#A:AJÁŶAQAŶAŶA
A�A; A�AYA�A: A�A�A~AJA#A, A�A�A�A�AJA�A#Zh'ggT6#A�AZA; A#A�A#A�A; A#A#A�A; A�A�AfA�A�A�A
ŶA
AQAQAQA`AQAQAYAQALAWAQA#AQAQAQA:ANAQA;AQA#AQALAQA:AQAQAQAA:ASANAQAXAQAWA9A;AQAQAQA
ADAŴA:AŴAdAŴALALA`AŴAŴAŴAŴADA:ASAŴAŴADALALALALA'AŴAŴAŴAŴADA:ASALA#AXAKA#AŴAŴADA
ŶA#AXAKA9AOAŶAYAYADAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶADA:ASAŶALA#AŶAJA#AŶAŶA:AŶAŶAŶAŶANAŶA#AŶALAŶAŶAŶ
ADAŶADAŶA: ANAŶA#AXAKA#AŶAŶAŶAŶAŶAŶAŶAŶALALALALALALALA `AŶAŶAŶADA: ASA#AŶA#ADA: ASAŶAŶAŶA
```

ŶAŶALA~AŶAYAŶALA9ALA#AXAKA9AQAŶAYAYAPAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAPA:ASALA9ALA+AXA:AŶALA
%ALA9ALAUAPA#AŶALAŶAŶAYAPA:APAŶAŶA#AJAŶAPA?ALAHAŶA~AYALA~A#AŶA9AYAŶASALAPA:ALAUAP
AŶAŶAKAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAPA:ASA#APA:ASAŶAdAŶALALALALALALALALALA\A`AŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶ

AYAJADA�A�A�A�A�AHALA�A�ANA�A:A�A�AJA�AJA�A�A�AYA�A:A�A�A-AJA#A,A�A�AHASA�A�ADAJA�A

ApAŶAŶAŶAŶA`AŶA|AYAJApAŶAŶAŶAŶAŶA#AŶAdAŶALALALALALALALA\`A|

♦AdA**♦**ALALALALALALALA\A\A\

JA�A�A�A�ALA

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AYAJAPAŶAŶAŶAŶAŶAŶANAŶAŶANAŶAŶAŶAŶAŶAŶAŶAJA, APAŶAYAŶA: AŶAŶA~AJA#A, AŶAŶA#ASAŶAŶAŶAŶAŶAŶAŶA
, ADAŶALAŶAŶAŶAŶAŶAŶA AŶA AŶA AŶA JAYA JADAŶAŶAŶAŶAŶAĠA#AŶALALALALALALALALALA `A I
AYAJApA�A�A�A�A�AHALA�A�ANA�ANA�AJA#A�A�A:A�AYA�A:A�A�A~AJA#A,A�A�A#ASA�A�AQAJA#A�A
�A�A: A�ALA�A�AQAJA�A�A#ApA: A�A`A�A|
#A�ACApAYA�A�A#A#A�A
A9A#A; A9A#A8ACA; A�A�A�A�A�A#A#A#A*A`A�A#A�AJA#A�ACApAYA�A�AdA�ALALALALALALA\A|
A:A�ACAPAYA�A#A#A�A A9A#A;A9A#A8ACA;A%A�A;A�A#A#A#A*A`A�A|
A:AŶACADAYAŶAŶAQAŶALALALALA`AŶAŶAŶAŶAŶAŶAŶAŶAQA:ASAŶAdAŶALALALA`AŶAŶAŶAŶAŶAŊA:ASALA#AXAKA
#AŶAŶAŶAŶAŊAŶA~A#AŶA9AYAŶAŶAŶAŶAŊA;ASALAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAJA#AŶAJA#AŶAŶA;AŶAŶAŊAŶA8A
%A�A�AdA�ALALALALALALA`A�A�A�A�AA:ASA#A�A#ApA:ASA�ACA�A�ALAYA�A�A�A�AA:ASALA�ApA�A�
ALAŶAŶACALAWADA#AŶALAŶADAŶAŶA#ADAŶAŶALAŶADAŶAŶALAŶAŶAJA#AŶALAJAŶALAŶAŶAŶAŶALA~AŶAYA
ŶALACAŶAŶALA~A#AŶA9AYAŶAŶAŶAŶAŶAŖA: ASALAŶAŶAŶAŶAŶAŶAŶALAŶAŊAĿAKAŶAŊA: ASALAŶAŶA#AŶALAJ
AŶALAOADAŶACALA#AJAŶAŶALAJAŶALAŶA-AYALADA:ALAŶAŶAŶAŶALAUADAŶAŶAKAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶ
AYAJApA�A�A�A�A�A#ALA�A�ANA�A:A�A�AJA�AJA�A�AYA�A:A�A�A-AJA#A,A�A�A#ASA�A�AJA�A
JA PAPAPAPALA
               ApAŶAŶAŶAŶAŶA`AŶA|AYAJApAŶAŶAŶAŶAŶAŶAdAŶALALALALALALALALA `A|
AYAJApA�A�A�A�A�A#ALA�A�ANA�A�A�A�A�AJA,ApA�AYA�A:A�A�A~AJA#A,A�A�A#ASA�A�A�A�A�AJA
, ADAŶALAŶAŶAŶAŶAŶA#ALAŶA`AŶA|AYAJADAŶAŶAŶAŶAŶAĠA#AŶAdAŶALALALALALALALALA
�A�A: A�ALA�A�AQAJA�A�A#ApA: A�A`A�A|
AYAJADAŶAŶAŶAŶAŶAŁALALALALALALALA `AŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶA
#A�ACApAYA�A�A#A#A A#A9A#A A9A;A
ACA; AŶAŶAŶAŶAŶAŶA#A#A#A `AŶA#AŶAJA#AŶACApAYAŶAŶAdAŶALALALALALALA`A|A: AŶACApAYAŶAŶA#A#A
A#A9A#A A9A;A AcA;A%A�A;A�A�A#A#A#A`A�A|
A : AŶACAPAYAŶAŶA¢AdAŶALALALALA`AŶAŶAŶAŶAŶAPA : ASAŶAdAŶALALA`AŶAŶAŶAŶAŶAPA : ASAŶAŶAdAŶA`A
AXAŶAWA9A;AŶAŶAŶAĊAĊAĊAA`AŶAŶAŶA₩AŶAŶAŶAŶAŶAĠAŶAĊALALA`AŶAŶA#AŶADAŶA:AŶA;AŶA#AŶA
#AŶA#A`AŶAŶAŶA#AŶADAŶA:AŶAdAŶALALA`AŶAŶAŶA#AŶAŶAŴA#AŶAŶAŶAŶAŶAŶAŶALALALALA`AŶAŶAŶAŶAŶAŶAŶ
ALA#AŶAJA#AŶAŶA:AŶAŶAŶANAŶA;A#AŶAŶAŶAŶALAŶAŶAŶADAŶADAŶA :ANAŶAŶAŶAŶAŶAŶAŶA
%A#A;ALA�AJAXA#A�A�ALA#A�A#A�A�A�A�A�A�A�A:A�A�ALA�AJA#A,A�ALAQA�ALA
#AŶAŶAŶAŶAŶAŶA;AŶACA#AŶACA#AŶAŶAŶAŶAŶAŶAŶAŶAŶAADAŢAŢĀŶAŶA#A#6#6Ŷ6Ŷ#'#6bŶb#b#bŶbŶŶo!Ŷ!O!
#n�n]�ɹ)������<del>��#�#�#�#</del>���� 🖟 wê ê ê #ê #ê#
     ###$dWdhdt$#$$$B]k]H#U#$#$#$#$#$#$$$$$$$$$$$$$$$$$$$--
L���AAAAAAAAAAAAAAAAAĀ#�#}#}$\]��########|``A�A�AYA�ALAWA�A#A�ApA�A;ANA�A;A�A#A�ALA�
A:AŶAŶAŶAPA:ASANAŶAXAŶAWA9A;ĀŶAŶAŶAŶAŶAŶAŶAŶAŶAŶA;ĀŶA#AŶAŶAŶAĊAĊAdAŶALALA`AŶAŶA#AŶADAŶA
: AQA; AQAQA#AQA#AQA#A`AQAQAWAQAQAQA; AQAQAQALALA`AQAQAQA; AQAQAQAQAQALALALALA\`AQAQAQA
A:AŶALA#AŶAJA#AŶAŶAŶAŶAŶAŶAŶAŶANAŶABA;AŶAŶALAŶAŶAŶAQAQAŶA:ANAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶA
LALALALA`AŶAŶAŶA;AŶA#AŶA#AŶA#ADA;ASAŶAŶAŶAŶAŶAŶA#AŶAŶAŶA;A;A`AŶAŶAŶAŶAŶAŶAŶA
A�ALALALALALALA`A�A#ApASApA:AJA�A�A�A�A:A�A#A�A:A�A#ApA:ASA�A�A�A#A9A�A�A#A9A�A�A;A;A`A
AŶAŶAŶA:AŶALA#AŶAJA#AŶAŶA:AŶAŶAŶANAŶA;A#A%A
AŶALAŶAŶAŶAŊAŶAŊAŶA:ANAŶAŶAŶAŶAŶAŶAŶAĠAĠALALALALALALAL`AŶAŶAŶA;AŶA#AŶA#AŊA:ASAŶAŶA
ŶA#AŶAŶA#AŶAŶA;A#A`AŶAŶAŶAŶAŶAŶA£A:AŶA#AŶA#APA:ASAŶAdAŶALALALALALALALA\A`AŶA#APASAPA:AJAŶAŶAŶ
A�A:A�A#A�A#ApA:ASA�AHA�A�A#A_ALA�A�A#A9A�A�A;A#A`A�A�A#ApASApA:AJA�A�A�A�A:A�A#A�A
AŶAŶAŶA`AŶAŶAYAŶALAWAŶA#AŶApAŶA:ANAŶA;AŶA#AŶALAŶA:AŶAŶAŶADA:ASANAŶAXAŶAWA9A;AŶAŶAŶA
AYAJADAŶA#AŶAŶAŶAŶAŶAŶAŶAŶAŶAŁALA` AŶAŶA₩AŶADAŶA; AŶA; AŶAŶA#AŶA#AŶA#A`AŶAŶA₩AŶADAŶA; AŶAŶA
LALA`A|AYAJApA�A�A�AdA�ALALALALA`A|AYAJApA�ALA#A�AJA#A�A�A:A�A�A�ANA�ASA�A
AŶALAŶAŶAŶAŊAŶAŊAŶA:ANAŶAŶAŶAŶAŶAŶA#AŶAŶAdAŶALALALALALALA\A\
AYAJApA�A#A�A#ApA:ASA�A:A�A�AJA�AJA�A�A�AYA�A:A�A�A~AJA#A,A�A�A#ASA`A�A|
AYAJApAŶA#AŶA#ApA: ASAŶAdAŶALALALALA`AŶA|AYAJApAŶAŶAdAŶALALALALA`A|
AYAJApAŶALA#AŶAJA#AŶAŶA:AŶAŶAŶANAŶAŶAŶA
AŶALAŶAŶAŶAŊAŶAŊAŶA:ANAŶAŶAŶAŶAŶAŶAŶA�AdAŶALALALALALALA\`A|
AYAJADAQA#AQA#ADA: ASAQAJAQAYAQADA: AQAQA#AQAQAYAQA: AQAQA#AQA#ADA: AQAQA#ASA`AQA
AYAJAPA®A#AQA: ASA®AdA®ALALALA` A®A|AYAJAPA®AQAdA®ALALALA\ `A|
```

LALALALALA`A|

AYAJApA�A#APA: ASA�AQAQAJA#A�A�A�A: A�AYA�A: A�A�A~AJA#A, A�A�A#ASA`A�A|

AYAJADAŶA#AŶA#ADA; ASAŶADAŶALALALALA `AŶAJADAŶAŶADAÔALALALALA `A I

AYAJAPAŶALA#AŶAJA#AŶAŶA:AŶAŶAŶAŶANAŶA;A;AŶA

%AŶALAŶAŶAŶADAŶADAŶA, ANAŶAŶAŶAŶAŶAŶAŶAŶAŶAŁALALALALALALA

AYAJAPAŶA#AŶA#APA: ASAŶAŶAĴA#AŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAWAPA#AŶAŶAŶA#ASA`AŶA

AYAJApA�A#A�AHApA: ASA�AdA�ALALALALA`A�A|AYAJApA�A�AdA�ALALA`A�A|

AYAJApA�A�A�AdA�A`A�AI

A \$\tilde{A}

#6LbAAŶĪ�AŶbAAŶĪ�A&bAAb�A&#AA�A&A6A!�AŶbAAn�A#bAA��bA*�AA��bA:�AA-�AXbAA?�bA�\$AA��bA�\$AA��#6#bAA

\$\psi \(\text{\partial} \) \\ \text{\partial} \\ \text{\partin} \\ \text{\partial} \\ \text{\partial} \\ \text{\partial} \\ \t

�DAAAAA��AA#AAF�DA#�AA`�AL#AAN�ALA6A��A�#AA��AAA#A�DV���#!########

```
AŶA;AŶAYAŶA:AŶAŶA~AJA#A,AŶAŶAŶAŶAŶAJAŶALAHA;A#AŶA#AŶAŶAŶA;AŶA ALAKACALAOAŶAŶA|
AŶA;AŶAYAŶA:AŶAŶA~AJA#A,AŶAŶAŶAŶAŶAJAŶALAHA;A#AŶA#AŶAŸAŶAŶA ALAŶADAŶAŶALAŶADAŶA
#AQAQAQAWAQALA#AQACAQALA#AQA#AWAQA#ALAHACAQA#A ALApAQALA;AQAQA#AQA;A;AQAQAQAQAQAQAQA
AJALA�AJApA�AKA�A�AdA�ALAcA#AJA:A�A~A�A#A�AFALAKA�A�A�ALA%ALA+AxA:ALA8A#A;A
%ALA; A; A�A�A�A�A#ALA9A#A%A#A#AdA�A�A�A�ADAWA�A�ALAWA#A�AYALAOA�A�AT
AŶA;AŶAYAŶA:AŶAŶA~AJA#A,AŶAŶAŶAŶAŶAŶAJAŶALAHA;A#AŶA#AŶAŶAŶAŶA ALAKACALAOAŶAŶAI
AŶA;AŶAYAŶA:AŶAŶA~AJA#A,AŶAŶAŶAŶAŶAŶAŶAQAŶALAHA;A#AŶAŶAŶAŶA;AŶA_ALAŶAPAŶAŶALAŶAPAŶA
#AŶAŶAŶAWAŶALA#AŶACAŶALA#AŶA#AWAŶA#ALAHACAŶA#A_ALApAŶALA;AŶAŶA#AŶA;A;A;AŶAŶAŶAŶAŶA
A�A�A�ALA%ALA+AXA:ALA8A#A;A%AdA�ALA;A;A�A�A�A�A�AALA9A#A
%A#A#AdAŶAŶAŶAŶAŶAŶAWAdAŶAŶAŶAWA#AŶAYALAQAŶAŶA\
A�A;A�AYA�A:A�A�A~AJA#A,A�A�A�A�AJA�ALAHAZA�A�A;AfA_ALAKACALAQA�A�A|
A�A; A�AYA�A: A�A�A~AJA#A, A�A�A�AJA�AJA�ALAHAZA�A�A; AFA_ALA�AÞA�ALAYAJA~ApALAPA�A
ALA9A#A
%A#A#AdA�AQA�A:A�A�A:A�A9AcACA~A�A�ALAJA~A~A�ApA�AJA�ApA�A:A�AYA�A9A�A:A�AWAFALA:AJ
A:A�A�A�ADA:ASA�ALAKADA:AJA#ACAdA�AUA#A�AYA�ALA�AQAJA�AJA�A�A�ALA
ADAŶAŶAŶAŶAŶAŶAA`A:AŶAŶAJAŶAJAŶAJAŶAŶAŶAŶAŶAYAŶA:AŶAŶA~AJA#A,AŶAŶA#ASAŶAdAŶAĊAŶAŶALAŶAŶAŶA
AŶAŶAŶA:AŶACA#AŶAŶALAŶAŶAŶAŶAAAEAŶALAEAŶALAŶA#A`AJAŶAYAŶADA:AŶACA#AŶAŶAYAŶA:AŶAŶA~AJA#A,A
A:AŶAYAŶA:AŶAŶA~AJA#A,AŶAŶA#ASAŶAdAŶA#AXAKA#AŶAŶAŶAŶAŶALAŶA|
%ALAŶALAŶA~AYĂLA9ALAUApA#AŶALAŶAŶAYApA:ApAŶAŶA#AJAŶApAŶA:ALA9AdAŶALAŶA#AŶA~AŶAŶAŶAŶAŶ
ALAŶASAŶA:AŶAJAdAŶACAŶA#AŶAJAŶA9ACAŶA~ApAŶAŶALA#AXAKA9AQAŶAYAYApAŶAŶAŶAŶAŶALAŶAŶAŶA
pA: ASALA9ALA+AxA: A ALA
.
%ALAŶALAŶA~AYALA9ALAUApA#AŶALAŶAŶAYApA:ApAŶAŶA#AJAŶApA�A:ALA9AdAŶALAŶA#AŶA~AŶAŶAŶAŶA
ALAŶASAŶA:AŶAJAdAŶACAŶA#AŶAJAŶA9AŶA:AŶAŶAŶAŶALAŶAŶAHA#AŶA~AŶA
AŶAŶA&ADAXA:AŶAŶAJA#AŶAWAŶAŶAWAŶA+AŶA
                                AUA#AKAŶAŶAŶAVA, AŶAŶANANAdAŶAEAJAŶAŶAŶALAKAŶAŶAŶALA%ALA+AXA: ALA8A#A; A
A#A8A8AJA%A�AKAWA#AJA�A�A�A�A�A�A�A�A�A;A�A�A�A�A�A�A�A�A
AŴA;AŴAYAŴA:AŴAŴA~AJA#A,AŴAŴAŴAŴAŴAŴAŴAŴAŴAŴAŴAWAŴA:AŴAŴAŴAAA\`AŴAŴA;AOAŴAWA
AUAUAEAQAYAQA: AQAQAWADA#AQAQA#AQAQAWAAAAQALA`AQAUAQAQAUA; A#A9A#AQAQAEA9AQABA
VA�A�A�A9A�AOA�AVA
AŶAŶAŶA8AŶAŶAŶAŶAŶAŶAŶAYAŶAWADA#AŶAŶAŶAWASAŶAŶA`AJAKAŶAJAŶAŶAŶAŶA8AJAKA;AŶAŶAŶA8A A
%AŶAŶA AWAWAŶAŶAKAJAŶA#AŶAŶA8AŶAOAŶAŶA
AŴA;AŴAYAŴA:AŴAŴA~AJA#A,AŴAŴAŴAŴAŴAŴAŴAŴAŴAWAEAŴAVAEAWAŴA9A|AŴAŴAŴA9AWA|A AUA9A
A�A%A�A9A�A�A�A�AEA�AUA�A�AEA�AEA�AYA�A:A�A�AWApA#A�A�A#ASA�AdA�ALA`AUA AVAQA�A�A
%AUA9A�A�A�A�A�A�A�A�A�A A9AVA�AEA�A9A�A|A|A#A%A�A�A�A;A�A
AQAŶAYAŶA:AŶAŶAWAPA#AŶAŶAŶA#ASAŶAŶA`A AJAKAŶA%A AWAJAŶA8AWAŶAŶAŶAKAJAJAŶA;A;A;AŶA;A
A8AŶA A; A8AŶAŶA#AŶAOAŶAŶA|AŶA; AŶAYAŶA: AŶAŶAŶAJAŶAŶAJAŶAŶAJAŶAŶAJAŶAŶALA`AQA; AŶA
AŶAUA;AŶA9A#AEA AVA9AŶAVAŶAŶAŶA9AŶA#AŶAŶA9AŶAŶAŶAŶAŶAŶAŶA
%AUAŶAUAVAŶAŶAYAŶA:AŶAŶAA.AŶAŶA-AJA#A.AŶAŶA#ASAŶAUAŶAŶAŶA.A9AŶAŶA~AŶACA9ACAŶAŶAŶALA`AOA:AŶA
AŶAUA:AŶA9A#AEA AVA9AŶAVAŶAŶA9AŶA#AŶAŶA9AŶAŶAŶAŶAŶAŶA
%AUAŶAUAVAŶAŶAYAŶA:AŶAŶA~AJA#A,AŶAŶA#ASAŶADAŶAŶAŶAŶAŶAŶAPAŶAJA:ASAXAJASAŶAŶALAŶA:
A9AQA#AdAQAOAQA:AQAQA:AQA9AQAJA:ASAXAJASAQAQALAQA:A9AQA#AdAQAQAQA#A9A#AJAQAQAJAQAQAQA
ŶAJAŶAŶAŶALACAŶAŶAĠAdAŶAŶAŶAŶA#A9A|
AŶAŶAŶAJA:ASAŶA9AŶA#ASAJA:ApAŶAJAŶADAŶA:A9A#AQAŶAŶALA9A;AdAŶAŶA9AŶA#A9ACA
AUA9AQAQAAHA#AQAQAJAQAHAQALA`AQA#AQALA`AQA#ABAQAQAWA A#A8ABAJA%AQAKAWA#AJAQAQAQAQA
A9AŶAŶA#AŶApAŶA:AŶALA;AŶA#AdAŶAŶA9AŶA#A9A|
A�A�A�AJA:ASA�A9ACA#AJA:A�A~A�A#A�A9AUA#A�AYA|
```

```
A:AŶADAŶACA#AŶAJAŶAŶA#AŶALA#AŶAŶAŶAŶAŶAŶAdAŶAŶA9AŶA#A9A|
AŶAŶAŶAJA; ASAŶA9AŶA#ASAJA; ADAŶAJAŶADAŶA; A9AŶAŶAŶAŶAŶAŶAŶAJASAŶAEADA#AŶAŶAŶAŶAŶAŶAŶADAŶA; AJAŶADAŶA
CAŶALAŶA#ApASApA: AJAŶApA: ASAdAŶAŶA9AŶA#A9A I
AŶAŶAŶAJA:ASAŶA9AŶA#ASAJA:ApAŶAJAŶADAŶA:A9AŶAXAŶAŶA#AŶAXA#AŶAŶAÛALADAŶAŶAI
AŶA;AŶAYAŶA:AŶAŶA~AJA#A,AŶAŶAŶAŶAJAŶAdAŶAŶA9AŶA#A9A|
AŶAŶAŶAJA:ASAŶA9AŶA#ASAJA:ApAŶAJAŶADAŶA:A9AŶAXAŶAŶAŶAŶAŶAŶAŶA;ASA;AŶAŶA#A:AJAŶADAĠAŶAŶA9A
AŶAŶAŶAJA:ASAŶA9AŶA#ASAJA:ApAŶAJAŶADAŶA:A9AŶAXAŶAŶAŶAŶAŶAŶAŶAŶAJA:ApAŶAYAŶALA#AŶADAŶADA
9A�A#ADASADA:AJA�ADA:ASA9A�A�ALAZA;A#A�A#A�A;A#A#A�A;A�A�AfAdA�A�A9A�A#A9A|
A�����AJA:ASA�A9A�A#ASAJA:ApA�AJA�ADA�A:A9A
        %AdAŶAŶAŶAXXA#A:A9AŶAJAŶAŶAŶAXALA:AŶAŶAJAŶAJAŶAJAŶAŶAŶAŶAŶA;AŶAŶA~AJA#A,AŶAŶA#ASAdAŶAŶ
A9AŶA#A9A|AŶAŶAŶAŶAJA:ASAŶA9AŶA#ASAJA:ApAŶAJAŶApAŶA:A9AŶAŶA#AŶAJAYA~A9A|
A: A�A�A#A~A#ApA�A�A�ALA; A�A#AdA�A�A9AQA8A�A#A�A�A�A�A�A�A�A�A#ASA�ALA�AJA%A%A%A#AKA
%A9A#A A�A�A9A�A�A�A�A�A�A$A�A;A9A�A�A#A A�A�A%A;A�A
c$L#cc$9|$$j\$Q$:$$:$9cC-$LQ$ c|
                                                  cN����
YŶFĿŶŶJ#ŶŶŇĸŶŶĴŶĸĸŶŶĬĿŢŶŶŊĿŢŶŶŊĬĠŶĸŖĬŶŶĦĹŶŶŧŶŶĸŶŶĸŶĸŶĸŶĸŶĸŶĸŶŦŶĿŢŶĿĦĸĸĸŶŦŶŶĿŶŶŊĸŶŶ
Ŷ`}99ZpwL}YŶfŶ`ŶĊŶŶWpŶŶLŶĸŶJWpŶ#Ŷx#ŶH?ŶŶWJXŶ?ŶŶŶFŶŎſŶŶLŶĸŶJWpŶ#Ŷx#ŶH?ŶŶWJXŶ?
��� F�d��d��L�K�JMp�#�x#�H?��MJx�?��� F�d�J~�L�K�JMp�#�x#�H?��MJx�?
��� F�d�`����`}Z�:�pwf99�`����`}99d���LU�:�LE�wp:p�p�:�L��dw�:�9wJ��d�#�w�:�9wJYp�
C��QJYk#pJL�J���Fd�#~J:���9;�8L�L�L�L�L�L�L�L$L$L�F�dh�:�9wJ��d�#�n�:�9wJYp�C�OJ�pk#p
Fd�#~J:���9;�8L;�L�L8L8L�L�L�L�L�F�dh�:�9wJ��d�#�w�:�9wJYp�C�cJ��YJFd�#~J:���9;�8L;
; LŶLŶLŶLŶLŶLŶLŶLRLŶFŶġŀŴ:Ŷ9wJŶŶĊĬŶ#ŶwŶ:Ŷ9wJYpŶCŶŶ#ŶSŶŶL#Ŷ#p~ŶŶFĊĬŶ#~J:ŶŶŶ9;ŶŶL;;LŶĹŶLSĹ
#L#L#L#L@F�d���L#�C��LE�wp:p�p�:���������
                                                                   �#YJ�d�#�YJ#Sp:�#p:Fd�#YJ#Sp:9k�������##;~�Fd�#w�:�9�p��;8�#~�Fd�#w�:�9wJYp�C��cpY
        ��L��YJ:���#bwF�d�J��b:,�L�-J:���#C-�#�p:,d�#�Y�9�C��9-#b�#b�C�
Fd\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}\(\hat{Q}
ŶŶĬĦŢŶŗŶĬŶĬŶĸĬŶŶĦŶĸĬŶŦŶďŶŢŶĸŊŶĸŶŶŶĹŶĸŢĬŶŶŶĦĊĸŶŦŶĸĬŢŨŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶĸ
Fd�#���#�~x#~��Fd�#�
Fd#Y<b>90C00900D: ,00VJ00CO: Lc?
LQŶJ#ŶFdŶ#YJ#Sp:Ŷ#p:FdŶ#YJ#Sp:9kŶŶŶŶŶŶ###;~ŶFdŶ#wŶ:Ŷ9ŶpŶ
Q#~�Fd�#w�:�9wJYp�C��CJ��YJ���J:�9��#pwF�d��~J:�VJ��:C?
0�J#d�#�Y�9�C��9;JYI VJ��:Lc? LO�J#�Fd�#Y�9�C��9~#p�#p�C�
Fd$#Y$9$C$$9$p:.$$VJ$$:Lc?$Fd$#w$:$9wJYp$C$$cJ$$YJ$$$J:$9$$#pwF$d$$-J:$|YJp$#$C$$;
dŶ#ŶŶŶŶŶĊŶŶŶĊŶŶŶĊĸŶŧŶ:JŶFďŶ#ŵŶĊŶŶ#ŊĬŶŶŶĬ;ŶŶŶŶ#pJŶŶŶĬ;ŶŶŶ#pHĊŶ#ŶŶŶ#Ŷ?;ŪŶ
%EFd$#w$:$9$$p$$$$:$#YJ$Fd$#w$:$9$C$$:$#YJ$F$d$$~J:$|
YJp�#�C��8#d�#�Y�9�C��9�C-�-�#�:J�Fd�#w�:�9wJYp�C���#oJ���J:�9��#owFd�#����#�?;U�
YJp�#�C��8;d�#�Y�9�C��9�C-�-�#�:J�9#�-�CFd�#w�:�9wJYp�C���#pJ���J:�9��#pwFd�#�V�#�?
;∪�
<sup>®</sup>EFdQ#w$`&9$$p$$$$$:$#YJ$Fd$#w$:$9$C$$:$#YJ$F$Ğ$$$O$-E$wJx$d$#$Y$9$C$$9$C-$$-$#$9$:$
CFd�#w�:������;#�#-�F�d~JS�LK�#�# p�:;d�#�����
@p:L;;@#p:Fd@#YJ#Sp:@;@#p:L;@#p:L;@#p:L;@#p:F@d@@p\@K@#@# p@:;d@#@~JS@K@#@# p@:;F@
d�99�`��C��`}99ZpwLS��LY�L f�`�Y�d�`���J-���WJX��L�� N��������-p�YJ�N�;#8
�d�`�Y�`}Z�:�pwf99�`}99ZpwLS��LY�L f�`�Y�d�`��J-��JC�x�LW�
N�����������YJ~LWO: N��������J�JNO;�L�o�随
ŶJ~ŶŶJĊŶXŶŶ`ŶYŶ`}ZŶ;Ŷpwf99Ŷ`ŶŶJŶ`KŶŶĊĹŶJ;SN|
        90#L0p:,Nk0x0LW0p:,N~x#~00`0pWL00J00NK0#0# p0:;0`~L00J00N00
        �#YJ�`JL:JY�N���Jp�|:�0�Y~��
`�~J:L�C��N�M�:�9�p��;;�#-�FM�:�9wJYp�C���#pJ���J:�9��#pMF���#?;U�
%E����L�L�p��LJ�, LQ�p�wL#��J-��xYJ: L#pS��L:�NjL`��-�随
```

```
Ŷ#YJŶ`Ŷ~J;LŶĊŶŶŊŶŊŶŶŶ;Ŷ9ŶſŶŶ;;Ŷ#~ŶĦŊŶ;Ŷ9ŊJYſŶĊŶŶŶĦijŶŶŶŶJ;Ŷ9ŶŶĦſſĸĔŶŶŶĦŶ?;UŶ
%E��`���1:k�~F`頒~�`��~J:�`�-�`�ɒw�`~L��J��N��
                �#YJ�`�~J:L�C��N���:�9�p��;;�#~�Fw�:�9wJYp�C��#�9���!#�#p~��F���#�?;U�%E��
                p����LQJ�J��`��-J:�`�-J:L�C��N�w�:�����
Q~ФFwФ:Ф9wJYpФCФФФ#pJФФФJ:Ф9ФФ#pwFФФФ#Ф?;UФ%EФФ`ФФ-Ф!@~Ф`ФФ-J:Ф`Ф-Ф`~LФФJФФM�Ф
                 %E��OO�CL�wL��:�L�J#, `����ji#~�`��j-Ţ:�`�-Ţ:�`�-Ŷ`~L��J������¥YJ�`�-J:L�C������������
�Fw�:�9wJYp�C���#pJ���J:�9��#pwF����#?;U�%E������:k�-FL��#9��#9��;;`��-�馗-�`��
~J:�`�~�`~L��J��N��
                                                                  Ŷ#YJŶ`Ŷ~J:LŶCŶŶŊŶĸŶ:ŶŶŶŊŶ
Ŷ~ŶFWŶ:Ŷ9WJYpŶĊŶŶŶ#DJŶŶŶJ:Ŷ9ŶŶ#DWFŶŶŶ#Ŷ?;UŶ%EŶŶ|
YJp�L`��-J;�`JL�#�wN�YJp�;�J�J��Y�;�-J#,��#$��`�-J;L�C��N�w�;���o��
Û~ŶFWŶ:Ŷ9WJYDŶĊŶŶŶ#DJŶŶŶJ:Ŷ9ŶŶ#DWŶŶ:ŶJŶJŶŶŶŶ;Ŷ~J#,ŶŶ#S`ŶŶ~J:�`ŶJŶ`Ŷ~J:LŶĊŶŶNŶWŶ:Ŷ9Ŷ
p$\tilde{Q} = \tilde{Q} = \til
�#~�Fw�:�9wJYp�C���#pJ���J:�9���#pwF���#�?;U�%E��`����������
~�`��~J:�`�~�`��dw�`~L��J��N��
                 �#YJ�`�~J:L�C��N�w�:�9�p��;;�#-�Fw�:�9wJYp�C���#DJ���J:�9��#pwF���#0?;U�
%E�� ��1:k�~F `熥
~Ŷ`ŶŶ~J:Ŷ`Ŷ~Ŷ`ŶŊŴŶ`ŶŊĸĹŶĊŶŶŇŶĸŶĦŶŶĦŶ:Ŷ:ŶFĸŶĦŶŶĦŶŶŦŶŶŶŶŶŶŶĿ?|;|;|;L;Ŷ#~ŶF~JŶŶp:SŶŶŶ#~
$\times_L#p:L#p:\$\times_\$\cdot\$\cdot\$\times_\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$\cdot\$
Ŷ#YJŶ`KŶ`Ŷ~J;LŶĊŶŶŊŶĸŶ;ŶŶŶĸŶŶ;:Ŷ#~ŶFĸŶ;Ŷ9ĸJYpŶĊŶŶŎJŶĸĸĦŶŶŶŶJ;ŶŶŶŶĸĠĸŶŊ#ŶŶŶ`ŶŶ~J;Ŷ`
�k�`�~J:L�C��N���:������;;�#-�F��:�9wJYp�C��QJ�pk#p���J:�9��#p���L���J,p�L���#L�L`k
#�`k�#�:��`�K�LK��:���JC�L+x:�L%�L8#;
%L;;���LË`k#�`k�����K�L���.�C#��L���L���L���D;�C#�Y�;�-J#,��#S1S�FFLOJ�J���L
p����L1�F:�J�J���:�-J#,��#$1$�F`k#�`k��������L0J#�:�L��0J���#p:�L1�F00J#�:�\�-J#
, ��#S1S�F`k#�`k�#xk#I@`�k�L��L#xk9Q�YYp����L���p:SL9L+x:�L
%L�L�~YL9LUp#�L��Yp:p�#J�p�:L9L�#�-����L���:�J`��-�随
~$`$$~J:$`$~$`$$d\\$`$$d\\$`~L$$J$$\\$$
                                                                                                                    �#YJ�`���1:k�~F`煽~�`�~�`�ɒw�`~L��J��N��
                 �#YJ�#ɒL���L1JY~FL
                                                                                   DŶŶŶŶŶŶŶŶ
~�`�~�`��pw�`�pwLp�N�~-��Jp�#pS:J�x#�`~L��J��N��
$\phi\rangle \text{\phi} \text
1JY~FL�JX$���#��Lkp#���JC�LJ#�L���JCL�L�L:���L���L��Jw�L����
LOJOLJOOL:0000LOOLOOJ,0LOOO:LJOLOOOO
~Ŷ`Ŷ~Ŷ`ŶŶŊĸŶ`ŶŊĸĿŊŶŊŶ~~ŶŶJŊŶ#pS:JŶx#Ŷ`~ĿŶŶJŶŶŊŶŶ
                                                                                                                                                      ~Ŷ`Ŷ~Ŷ`ŶŶŊ₩Ŷ`ŶŊ₩ĹŊŶŊŶ~~ŶŶJŊŶ#ŊS:JŶX#Ŷ`~LŶŶJŶŶŊŶŶ
                 �#YJ���#`k#�`k#���#L���J,p`��-���~�`�pw�`~L��J��N��
                 ◆#YJ��:�L�J#,L0p�CL0�x:�p�Y�Yk�#1:k�~F`��•◆熥~�`�-�`��dw�`�pw�`~L��J��N��
                 ②#YJ�`���1:k�~F`熥~�`�•�`��dw�`�ow�`~L��J��N��
                 Ŷ#YJŶ#Ŷ:ŶĿw#ŶYĿYĊĿpŶŶŶ:ŶŶĿŶĿŶŶĿŶŴĿŴ#SpWŶĿŶĊ~ŶŶĿJ:ŶĿĿŶx:ŶĿŶJ:SxJSŶ`ŶŶ~ŶĬĨ~Ŷ
 `�~�`��ow�`��ow�`�ow�`~L��J��N�
                 �#YJ�L����N�YJ#Sp:9k�����;8�#~���`k#��:L+x:L��L8#;
%ŶĹĴŶĹŹ;ŶĹŶŶŶĹŶŶŶĸŶĊĦŶŶĹŶŶŶĹĔĹŶŖ`ĬĹŶĦŶĸŇŶŶĴpŶĬŶŶŶŊ:ŶĊĦŶŶŶĠĸŶĴĦ,ŶŶĦŚŶŶĴŶŶŶŊĠĸŶĊĦŶŶŶĸ
�~J#.��#S`�J�1S�FL�#�����随
~�`�-�`��๗�`k�,�x���L����M�YJ#Sp:9��-�K#-�FYJ#Sp:9k����MK#-���`�๗�`~L��J��M��
                 �#YJ�`�~J:L�C��N���:�9�p��;;�#~�Fw�:�9wJYp�C��#pJ���J:�9��#pwF���#P;t�
%E��U�qL`��-J:�`��-���-�`~L��J��N��
                 Ŷ#YJ�`�~J:L�C��N���:������;;�#-�Fw�:��wJYp�C���#J����J:����#MF���#WF���#�?;U�
%E��1:k�~F`��~J:�`���熥~�`�~�`~L��J��N��
                 �#YJ�`�~J:L�C��N���:�9�p��;;�#~�Fw�:�9wJYp�C��#pJ���J:�9��#pwF���#P;;U�
%E��U�#L��Y�#��1?�8;%F�LY��o;S�L`��~J;�`������~�`��`~L��J��N��
                �#YJ�`�~J:L�C��N�M�:���p��;;�#~�FM�:�9MJYp�C���#DJ���J:����#pMF���#�?;U�
%E��1:k�~F`��~J:�`���熥~�`�-�`�pw�`~L��J��N��
```

�#YJ�`k�`�~J:L�C��N�w�:���p���;;�#~�Fw�:�9wJYp�C��QJ�pk#p����J:����#pwF���#�?;U�

~Ŷ`ŶŶ~J;Ŷ`ŶJŶ`Ŷ~Ŷ`~LŶŶJŶŶŊŶŶ

```
%E������L����:�C#�`��~J:�`�k�`������~�`�~�`~L��J��N��
           Ŷ#YJŶ`Ŷ~J;LŶĊŶŶŊŶĸŶ;ŶŶŶŌŶŶ:Ŷ#ŶFĸŶ;Ŷ9ĸJYĎŶĊŶŶŎJŶĎĸ#ĎŶŶŶĴ;ŶŶŶĦſĸFŶŶŶĦĸF
%E��Qp�CL�J: JS�#`��-J:�`���熥-�`�-�`~L��J��N��
           Ŷ#YJŶ`Ŷ~J:LŶĊŶŶŊŶĸŶ:Ŷ9ŶŎŶŶ;;Ŷ#~ŶFĸŶ:Ŷ9ĸJYpŶĊŶŶŎJŶpk#pŶŶŶJ:Ŷ9ŶŶ#DĸFŶŶŶ#Ŷ?;UŶ
%E��Qp�CL�wL��:�L�J#, `��-J:�`���熥~�`�-�`~L��J��N��
           $\text{$\partial} \cdot \partial \cdot \cdot \partial \cdot \partial \cdot \partial \cdot \cdot \partial \cdot \partial \cdot 
%E��%#; L�Jx#��L#�#��`��~J:�`���随~�`�~�`~L��J��N��
           Ŷ#YJ�`�~J:L�C��N�w�:�9����;;�#-�Fw�:�9wJYp�C��OJ�pk#p���J:�9��#bwF���#�?;U�
%E����:��#,�LO�L �#8�`��-J:�`����� ~�`�-�`~L��J��N��
           �#YJ�`�~J:L�C��N���:�����;;�#-�Fw�:�9wJYp�C��QJ�pk#p���J:�9��#pwF���#�?;U�
%E��H��# L��#9��:#`��~J:�`������~�`~L��J��N��
�#YJ�`p�`�~J:L�C��N�w�:�9�p��;;�#~�Fw�:�9wJYp�C��OJ�pk#p���J:�9��#bwF���#�?;U�
%E��`JL�#�M�YJp�J�Y�p:�C#�Y�:�~J#,��#$��J�Y�p:�C#�Y�:�~J#,��#$`�J�`��~J:�`�p�`��-�
                                             $#YJ$`$~J:L$C$$N$\$:$9$p$
 `煽~�`�~�`~L��J��N��
Ŷ#~ŶFwŶ:Ŷ9wJYpŶCŶŶOJŶpk#p�ŶŶJ:�9��#pwF���#Ŷ?;U�%E��1:k�~F`��~J:�`�����
~Û`Û~Û`~LÛÛJÛÛNÛÛ
            �#YJ�`�~J:L�C��N���:�����;;�#-�Fw�:�9wJYp�C��OJ�pk#p���J:�9��#pwF���#�?;U�
%EŶŶ`pYSLĸŶ#ŶŶ#N#LŶpŶN;8ŶLŶŶĸSŶŶN;8ŶLpŶNŶŶŶ####Ŷp;#8DLŶ#ŶNŶŶĸŶpYJSŶ##;Ŷ#~SŶ#;E8EUŶ8
�8U%80 �#�LJ�N�Up;J�L0p�CL��$ÛL�098��`��-J;�`��-�ĭii-�`�-�`��aw�`~L��J��N��
           �#YJ�`�~J:L�C��N�M:�9�p��;;�#-�FM�:�9wJYp�C���#DJ���J:�9��#pWF���#O?;U�
V���EUL;�#~�F~J��p:S���#-�L#p:L#p:L#p:��`~L��J��N��
�#YJ�`K�`�~J;L�C��N���;������;#�#~�Fw�;��wJYp�C��CJ��ŶJ���J;���#pw���U#�Y�`��~J;�`�
ĸŶ`Ŷ~J;LŶĊŶŶŊŶĸŶ;ŶŶŶŗŶŶ;#Ŷ#~ŶŦĸŶ;ŶŶĸJYpŶĊŶŶĊJŶŶŶĴŶŶŶJ:ŶŶŶ#ĸĸŶŶĿ#ŶŶJ~ŶŶxYJ;ŶĿ#J#ŶŶŶ
LZ`JLŶ#ŶwNŶYJpŶJ#ŶŶŶŶŶŶ:Ŷwp#;#SŶŶYJpŶJ#ŶŶŶŶĸŶ:Ŷwp#;
#$`�J�fL`k#�`k�#�:��`�k�Lcx���JC�L+x:�L#��L8#;%L;8�;#Lä`k#�`k�c��`�k�LQJ�J���L
%L�L�~YL9LUp#�L��Yp:p�#J�p�:L9�#�D�1#m######L�#�-����L�S�:�J`��~J:�`�����~�`�-�
 ◆#YJ�1: k�-F`��-�熥-�`�-�`��⋈�`�pWLp�N�--��Jp�#pS: J�x#�`~L��J��N��
           �#YJ�#�#�LJ#�L�x#L~#�~����L���:�JLp��Y�`�����
~Ŷ`Ŷ~Ŷ`ŶŶŊŊŶ`ŶŊŊĹŊŶŊŶ~ŶŶJŊŶ#DS;JŶX#Ŷ`~ĹŶŶJŶŶŊŶŶ
                                                                                                       �#YJ�1:k�~F`��•�熥
~Ŷ`Ŷ~Ŷ`ŶŶŊŊŶ`ŶŊŊĿŊŶŊŶ~~ŶŶŊŊŶ#ŊS;JŶX#Ŷ`~ĿŶŶŊŶŶŊŶŶ
Ŷ#YJŶ;ŶŁUp#ŶĿVŶJ#ŶŶĿŶŶŊŶŊŶ;ĿŶŶĿŶĿŶĿŶĿŶĸŶĿŊŶĸŶĿŊŶŶĿŴŶŶĿŶŶĦŶxSŶĿŶĴŶĿ#x#ŊŶŶŊŶŊŶ;
�#YJ�1:k�~F`��•�熥
�#YJ�8�L����:���L���L���L���L���p��:�LJ�:SL�p��L-���:�pJ��CL�:�L#�p:�L~#�-��
J�`���随~�`��o���`��wwb`�ɒdwLp�N�~��Jp�#pS; J�x#�`~L��J��N���#YJ�1; k�~F`���随~�`�~
�`��ɒW�`�ɒWLp�N�~•��Jp�#pS:J�x#�`~L��J��N��
           �#YJ�LUp#�LV�J#��L��p�p�:L��L�:$L�:S�#L#�-�J��LUp#�L#�J�p�:L%
%LŶpŶŶĿJĿ;ŶŶĿŶJ#SŶ#ĿwJŶpŶpŶpŶĊĿJ;ŶĿŶxKŶŶŶxŶ;ŶĿŶĸŶxŶŶĸŶ;Ŷ-#Ŷ-ŶŶJŶĿŶŶŶĿ+x;ŶĿUp#ŶĿVŶJ
#�LY��p:SL��L�w�#L��L~x#��J��L���L���L���CLw#�YL���LOp�C�`�����
~Ŷ`Ŷ~Ŷ`ŶŶŊŴŶ`ŶŊŊĹŊŶŊŶ~ŶŶJŊŶ#ŊS;JŶX#Ŷ`~ĹŶŶJŶŶŊŶŶ
                                                                                                       �#YJ�1: k�~F`��•�熥
~\hat{\partial} \cdot\hat{\partial} \cdot\hat{
HOU LOOODS; JOPO: O`OOODIE-O`OODIOO`ODILDONO--OOJDO#DS; JOX#O`~LOOJOONOO
           ◆#YJ�1; k�-F`��-�`緬-�`�-�`��め��`��⋈Lp�N�--��Jp�#pS; J�x#�`~L��J��N��
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Ŷ#YJŶKLKŶ#, LŶŶŶŶJĸŶ#JŶpWŶŶĊĿŶŶĿ~x#ŶxŶĿJĿ#Ŷp:ŶĿ~ŶŶpŶŶĿJ:ŶĿwp#ŶĿwJŶpŶpŶĊĿJŶ:$ĿŶpŶŶĿJ:
L�Y�#S�:�CL�-�#J�p�:�L��:��#L�p��LUJ��k��,�Lp:L�#LJ#�x:�L#JYp�:LQ�x#��`��@~�`�~
�`��pw�`�pwLp�N�~•��Jp�#pS:J�x#�`~L��J��N��
                                                                                                                                                                           �#YJ�1: k�~F`��•�熥
~Ŷ`Ŷ~Ŷ`ŶŶŊŴŶ`ŶŊWLŊŶŊŶ~~ŶŶJŊŶ#ŊS:JŶX#Ŷ`~LŶŶJŶŶŊŶŶ
                                                                                                                                                                                                 *#Y.]*
oL��:��J�LJ:�Lx-�J�p:SL�wL���L|Y�#S�:�CL#�#Wp���L�S#��Y�:�L�p��L���LDp�C`��-�熥-�`
~$`$~$`$$p\\$`$p\\Lp$N$~~$$Jp$#pS:J$x#$`~L$$J$$N$$
                                                                                                                                                                                                  �#YJ�
%�LC#Jwwp�LJ:�L�#J:�-�#�J�p�:Lp������
~Ŷ`Ŷ~Ŷ`ŶŶŊŴŶ`ŶŊWLŊŶŊŶ~~ŶŶJŊŶ#ŊS;JŶX#Ŷ`~LŶŶJŶŶŊŶŶ
                                                                                                                                                                                                  �#YJ�1:k�~F`��-�熥
�#YJ��#���`�����
~\hat{\partial} \cdot\hat{\partial} \cdot\hat{
                                                                                                                                                                                                  �#YJ�1:k�~F`��•�熥
~ \( \hat{\phi} \hat{\
                                                                                                                                                                                                 ②#YJ②1:k②~F`②②-②61
~$`$\$`$$p\\$`$p\\Lp$N$\~$$Jp$#pS:J$x#$`~L$$J$$N$$
                      �#YJ�L�C��N�YJ#Sp:9k������;8�#-���oc�J:,LC�x`��-��牐~�`�-�`�Jk��L��J��N��
                      录`�#�`����ハ;#%LWJ�pS:N��~L�������� ~◆Fk�#��#�:�:�Fk�#��#pS����������:�‡?
Ŷ#YJŶ`pYSLkŶ#ŶŶ#N#LŶpŶN;Ŷ8LŶŶpSŶŶN;#ŶLpŶNŶŶpŶŶx<del>F</del>
##8#$;$L$#$N$\$\$\$\$\Y$;$\##;$\$\\$\#;0U$\$\|E$\$\$\$\$\\\$E\$\\$\#-\$\$\;$\LY$;$\\\$\#$\$\$\
1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F
F1; k�-F1; k�-F1
~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�
�~F1:k�~F1:k�~F`���������������;î
~�F~J��p:S�#p:L�;p:L#p:L�;p:��`~L��J��N��#YJ�`k�#J#���J-��XYJ:`�k�`�����
                                                                �#YJ�`k�Up#�LO�p�w`�k�`��∮酺~�`�-�`~L��J��N��
~$`~L$$J$$N$$$
�#YJ��:�L�J#,LUp#�L�#��p�:LEp�#p��1:k�-FL#1:k�-F1:k�-F`JL�#�wN��J--��9�J�J���#
ŶŶŶ#₽#₽Ŷ;%#ĹŶĸŶŶŶŶĸĸŶŶŶĹŶŶĬŶĹŶŶſĹŶĿĘĹŶŶ;ŶĹŶĬ#.ŶĹŶŶĹŶŶĹŶŶĿŶ#$Ŷ`ŶĬŶ`ŶŶŶŶĬĨĸŶ`
20H00# L090080 0J01:k0-F#1:k0-F1:k0-F JL0#0W0000H00# 08#0809;8 00H00# L0809;8
  `�J�1:k�~FU��`��~J:�`���熥~�`�~�`~L��J��N��
                      Ŷ#YJŶ`Ŷ~J;LŶĊŶŶŇŶŶŶŶĸŔĸŶĬŶĸŶĬŶŶĬĿŶ#ŶĸŇŶYJPŶĴ#ŶŶŶŶŶŶĸŶĸĸĸ##SŶŶŶĴ#ŶŶŶŶĸŶ;Ŵĸĸ
#$`�J�1;k�-F#1;k�-F1;k�-F`JL�#�wN�������Nh�:�wɒ#;#$ 炷��NiY�;�wɒ#?
#S`�J�`��-J:�`������~�`~L��J��N��
�#YJ�`K�`p��p��o�:L#�J��Y�:��`�p�`�K�`p�1:K�-F`K�c�L~#�� LJ:�L~#���#W�L�pw�LJ:�L~#
�-�#�CLw#�YL���LpY~J��L�wLwp#��L�p�J��#�Lp:#x#CLJ:�Lp��:����������@-�`��
�#YJ�L����N�YJ#Sp:9k�����N�:8�#~���`k#��:L+x:L��L8#:
%ŶĹĴŶĹ;#ŶŊĹӚŶĹ#ŶŶĴ~ŶŶXYĴ;ŶĹ#Ĵ#ŶŶŶĹĹŶF`ĴĹŶ#ŶĸŊŶŶĴ௺ŶĴ#ŶŶŶŶŊŶ;ŶĸŊŔ;#SŶŶŶĴ#ŶŶŶŶĸŶĸŊŔ
#S`�J�1S�FL�#���`��.
~Ŷ`Ŷ~Ŷ`ŶŶŎĸŶ`ĸŶ,ŶxŶŶŶĿŶĊŶĸŶŶijĸĸ;9ŶŶ~Ŷĸ#~ŶŦŶĴ#Sp;9kŶŶŶŶĸŶĸ#~ŶŶŶ`ŶŎĸŶ`ŶŎĸŶ`ŶĠĸŶ`~ĿŶŶĴŶŶŊ
                      �#YJ�#���L_p����`��#_�`�#_�`��pw�`�pwLp�N�—��Jp�#pS:J�x#�`~L��J��N��
ŶŶ
                     ◆#YJ�1; k�-F`��-�`緬-�`�-�`��め��`��⋈Lp�N�--��Jp�#pS; J�x#�`~L��J��N��
�#YJ����J�L��J�L��##LJ:�L��L����L����L���.�LJL�#Jw�LJS�:�JL�w�#L�J��#L���JC�`��-���-�
 `���`��pw�`�pwLp�N�--��Jp�#pS:J�x#�`~L��J��N���#YJ�1:k�-F`��-�随
~ \( \dagger \
                                                                                                                                                                                                 �#YJ�1:k�~F`��•�熥
◆#YJ�L�C��N�YJ#Sp:9k�����;8�#-����J:,LCpx`��-���-�`�Jk��L��J��N��
                      ∄`�#�`��L�p�N;#%LWJ�pS:N��-L�C��N��p�� ~�Fk�#��#�:�:�Fk�#��#9#p$�����������:�‡?
L;�#~�F~J��p:S�#p:L�;p:L#p:L�;p:��`~L��J��N��
�#YJ�`pYSLk�#��#N#L�p�N;�8L��pS��N;#�Lp�N���####�p;#8%�L�#�N��p�pYJS�##;�Spw�#;QU��
```

| E���QQ��\#�LJ�N�E��#D-�p�:�LY�:�wD#�#��J�

```
F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-
~F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k
�~F1:k�~F1:k�~F`���熥~�`����������$:N��-L������;î
~�F~J��p:S�#p:L�;p:L#p:L�;p:��`~L��J��N��#YJ�`k�#J#���L#��J-��xYJ:`�k�`��-�矯-�`�
~$`~L$$J$$N$$
                                             �#YJ�`k�Up#�LQ�p�w`�k�`���/@~�`�-�`~L��J��N��
�#YJ��:�L�J#, LUp#�L�#�� p�: LEp�#p��1: k�-FL#1: k�-F1: k�-F`JL�#�wN��J--��9�J�J���#
ŶŶŶ#₽#₽Ŷ:%#LŶĸŶŶŶŶĸĸŶŶŶĸŶŶĬŶŶĬŶ1:kŶ~FL#1:kŶ~FLŶŶ:ŶĿŶJ#.ŶŁŶŶ1:kŶ~FL Ŷ#8Ŷ`ŶJŶ`ŶŶŶſĨ~Ŷ`
ZŴH��# L����������;8 ��H��# L����9;8 ��H��# L���9;8
 `�J�1:k�~FU��`��~J:�`���猫~�`�~�`~L��J��N��
               Ŷ#YJŶ`Ŷ~J:LŶĊŶŇŶŶŶĤŔĸŶJŶ,ŶŶĬĿŶ#ŶĸŇŶYJPŶJ#ŶŶŶŶŶŒĸŶĸŊ##$ŶŶŶJ#ŶŶŶŶſĸŶĸŊ#
#S`�J�1:k�~F#1:k�~F1:k�~F`JL�#�wN��������Nh�:�wp#:#S焜��NjY�:�wp#?
#S`�J�`��~J:�`���頌篇~�`�~�`~L��J��N��
Ŷ#YJŶ`ĸŶ`pŶŶpŶŶŶĸŶ:L#ŶJŶŶYŶ:ŶŶŶŶŖŶĸŶ`pŶ1:kŶ~F`ĸŶĊŶL~#ŶŶ`LJ:ŶL~#ŶŶŶ#WŶĿŶpwŶĿJ:ŶL~#
�`�#�`�Jk��`~L��J��N�� �#YJ�1;k�~F`��-�\II-�`�-�`���\���������-L��J��N��
               Ŷ#YJŶĿŶĊŶŶŇŶYJ#Sp:9kŶŶŶŶŶŶŶŶŶŶŶĸ;8Ŷ#~ŶŶŶ`k#ŶŶ:L+x:ĿŶŶĿ8#;%ŶĿJŶĿ;#ŶŶ8ĿëŶĿ0JŶJŶŶŶĿ
p����L1�F`JL�#�wN�YJp�:�J�J��N�:�-J#,��#S��:�J�J��N�:�-J#,��#S`�J�1S�FL�#���`���
�#YJ�`�~J:L�C��N�w�:�9�p��;;�#-�Fw�:�9wJYp�C���#DJ���J:�9��#pwF���#O?;U�
%E��#pLO�p�wL#�J-��xYJ:�L`��-J:�`��-�뛢-�`�-�`~L��J��N��
               Ŷ#YJ�`�~J:L�C��N�M�:�9�p��;;�#~�FM�:�9wJYp�C��MpJ���J:�9��#DMF���#D?;U�
%E��1:k�~F`��~J:�`���熥~�`�-�`~L��J��N��
               $\text{$\psi$_1: L\partial C\partial ONONO \text{$\partial} \text{$\partia
%E��#���LY�#:p:S�1:k�~FL�Ldžx��L�p,�L��L-��J��L��:wp#YL���LUp#�LEp�#p��LJ:�L��:�L�J
#,L�xk��YYp����LY��p:SLp�L��D�LK��:���DCL��Ŷ%LJ�L�-YLJ�LC�x#L�wwp���`��-J:�`�����
�`�-�`~L��J��N��
               �#YJ�`�~J:L�C��N���:�9�p��;;�#-�Fw�:�9wJYp�C���#JJ���J:�9��##DWF���#�?;U�
%E��1: k�~F`��~J:�`���熥~�`�-�`~L��J��N��
               $\tilde{\phi}\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarrow\rightarr
%E��c�J:, LC�x�`��-J:�`���随~�`�-�`~L��J��N��
               �#YJ�`�~J:L�C��N�M�:�9�p��;;�#~�FM�:�9wJYp�C��MpJ���J:�9��#DMF���#D?;U�
  %E��1: k�~F`��~J:�`���猫~�`�-�`�ɒw�`~L��J��N��
               �#YJ�`�~J:L�C��N���:�9�p��;;�#-�Fw�:�9wJYp�C��#�9���!#�#p-��F���#�?;U�%E��
               �FW�:�9WJYp�C���#pJ���J:�9��#bWF���#$?;U�%E��Op�CL�wL��:�L�J#,`��-J:�`��-�ji�-�`�-
(*) ~ L(*) (*) J(*) (*) (*)
�?;U� %E�������1:k�-FL��#9��#9��;;`��-J:�`���熥-�`�-�`~L��J��N��
               Ŷ#YJŶ`Ŷ~J;LŶĊŶŶŇŶĸŶ;ŶŶŶĠŴĠŴĿŶŶĿŴŶ;ŶŶŊŢŊŶĊŶŶŶ#ŊŶŶŶĴ;ŶŶŶ#ĸĸFŶŶŶ#Ŷ?;ŨŶ%ĔŶŶĬ
YJp�L`��-J;�`JL�#�wN�YJp�;�J�J��Y�;�-J#,��#$��`�-J;L�C��N�w�;���o��
Q~QFWQ:Q9WJYpQCQQQ#pJQQQJ:Q9QQ#pWQQ:QJQJQQYQ:Q~J#,QQ#S`QQ-J:Q`QJQ`Q~J:LQCQQNQWQ:Q9Q
p�? @ @�Fw�:�9wJYp�C���#pJ���J:�9��#pwF���#$?;U�%E��L`��-J:�`��-Ð:�
-$`Q-Q`QQUQ`~LQQJQQNQQ
               �#YJ�`�~J:L�C��N���:�9�p��;;�#~�Fw�:�9wJYp�C���#JJ���J:�9��#pwF���#�?;U�
%E��1:k�~F`��~J:�`���頌
p:L#p:��`~L��J��N��
�#YJ�`K�`�~J;L�C��N�M�;�����;:�#~�FM�;��JYp�C��OJ�oK#D���J;����#DM��H�Y�`��-J:�`
�k�`�~J:L�C��N���:�����;;�#-�Fw�:�9wJYp�C��OJ�pk#p���J:�9��#p���L#��J-��xYJ:�L#J#�
��LZ`JL�#�MN�YJp�J#������:�mp##$��YJp�J#�����:�mp#
```

1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-

```
#$`�J�fL`k#�`k�#�:��`�k�Lc�x#��JC�L�JCL;��L8#;
%L;�ÔLƏ`k#�`k������J��LOJ#�;L1�F`JL�#�wN�YJp�J���J���J����J���J���J��
@Y`&J&1$&FFL&&&#.&&&J,pL1&F`JL&#&wN&YJp&~&&&J,p&&&AZ!:?@~&&&J,p&&&AJ
낊:�`�J�1S�FFL���:�C#��L���L�F`JL�#�wN�YJp�J�Y�p:�C#�Y�:�-J#,��#$��J�Y�p:�C#�Y�:
�~J#,��#S`�J�1S�FFLQJ�J���L
p����L1�F`JL�#�wN�YJp�:�J�J��Y�:�-J#,��#S��:�J�J��Y�:�-J#,��#S`�J�1S�FFL+�:��:�L��K
Ŷ#ŶĿĹŶŦ`JĿŶ#ŶĸŇŶŶĴpŶ+Ŷ:ŶŶ:ŶŶŶ:Ŷ~Ĵ#,ŶŶ#SŶŶŶ+Ŷ:ŶŶ:ŶŶŶ:Ŷ~Ĵ#,ŶŶ#S`ŶĴŶĹSŶŦ`k#Ŷ`kŶŢŶŶ`ŶĸŶ
LŶJ:Ŷ:ŶĿŶŶĹŶŶĹŶF`JĿŶ#ŶĸŊŶŸJ₽Ŷ#ŶĸŶ#ŶĸŶŶŶ:ŶwŊĦ;#SŶŶ#ŶĸŶ#ŶĸŶ#ŶĸŶĸŶŶŶĸŊĦ;
#$`�J�1$$FFL0J#~�:��#$L���#L1$F`JL$#$wN$YJp�~$J#~$:��#$$$.$Ub#:
#$���J#~�:��#���:�Up#:#$`�J�1$�FFL+J�,�:�L�J����:L1�F`JL�#�WN�YJp�,#J�,�:���:�Up#
?#$��,#J�,�:���:�Uo##$`�J�1$�FFL#p�����,�L+�:L1�F`JL�#�wN�YJp�#�:��N�:�wp#?
#$��#�:����:$wo#;#$`�J�1$�FFLcpYLO#�Yp;L1�F`JL�#�w�ŶJp�#�Yp:�Y�C�#�;JW?
$\\\\partial \partial \partial
#$`�J�1$�F`k#�`k�#xk#IÛ`�k�L��L#xk90�YYp����L���p:SL9L+x:�L
%L�L�~YL9LUp#�L��Yp:p�#J�p�:`��~J:�`��~Ø)纖~�`�~�`��;dw�`��;~L��J��N��
                                       ~\hat{\partial} \cdot\hat{\partial} \cdot\hat{
                                                                                                                                                                                                                                                                                                                                                    �#YJ�1:k�~F`��•娇
~Ŷ`Ŷ~Ŷ`ŶŶŊŴŶ`ŶŊŴĿŊŶŊŶ~~ŶŶJŊŶ#ŊS:JŶX#Ŷ`~ĿŶŶJŶŶŊŶŶ
~\hat{\partial} \cdot\hat{\partial} \cdot\hat{
                                                                                                                                                                                                                                                                                                                                                     �#YJ�1:k�~F`��•�熥
~\hat{\partial} \cdot\hat{\partial} \cdot\hat{
                                        �#YJ�CLJ~��Sp���Lp���L�J��`�����
~\hat{\partial} \cdot\hat{\partial} \cdot\hat{
                                                                                                                                                                                                                                                                                                                                                     �#YJ�1:k�~F`��•�熥
                                                                                                                                                                                                                                                                                                                                                    ◆#YJ�c�J:,LC�x`��◆熥-�`�◆
~\hat{\partial} \cdot\hat{\partial} \cdot\hat{
�pw�`�pwLp�N�—��Jp�#pS;J�x#�`~L��J��N���#YJ�1;k�-F`��-�Ĭℿ-Ф`�-�`�Jk��J��J��N��
                                       Ŷ#YJŶċJĸŶŶĿĸŶ#ŶŶ###ĿŶŶŶŶŶŶŶŶŊ;SN#ĿŶŶŶŶŶŊŷ;SN#ĿŶĊŶŶŊŶĸŶ#ŶŶ#ŶŶŶŶŶĴŶĨŶŶŶ
귀`�#�`��L���N;#%LWJ�pS:N��-L�C��N���� ~�Fk�#��#�:�:�Fk�#��#�#pS������������-��:�‡?
�#YJ�`pYSLk�#��#N#L�p�N;�8L��p$��N;#�Lp�N���####�p;#8��L�#�N��p�pYJ$�##;�Spw�#;QU��
 1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F
F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-
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�~F1:k�~F1:k�~F`���熥~�`�����������$L\\J�p$N�8L\\J�p$S:N��-L�������;î
~�F~J��p:S�#p:L�;p:L#p:L�;p:��`~L��J��N��#YJ�`k�#J#���L#��J-��XYJ:`�k�`�����~�`�
~()`~L()()J()()N()()
                                                                                                                �#YJ�`k�Up#�LO�p�w`�k�`���熥~�`�-�`~L��J��N��
Ŷ#YJŶŶ:ŶĿŶJ#, LUp#ŶĿŶ#ŶŶpŶ; LEpŶ#pŶŶ1; kŶ~FL#1; kŶ~F1; kŶ~F`JĿŶ#ŶĸŊŶŶ9J~~ŶŶ9ŶJŶJŶŶŶŶ
ŶŶŶ#₽#₽Ŷ;%#ĹŶĸŶŶŶŴĸŶŶŶĬŶŶĬŶŶĬŶ;KŶ~FĹ#1;KŶ~FĹŶŶ;ŶĹŶĴ#,ŶĹŶŶ1;KŶ~FĹŶ#ŶŶŶĴŶŶŶŶĬĨ~Ŷ`
ZŶHŶŶ# ĽŶŶŶŶŶŶŶŶŶĴŶ1:KŶ~F#1:KŶ~F^)LŶ#ŶĸŇŶŶŶŶHŶŶ#Ŷ8Ŷ9;8 ŶŶHŶŶ# LŶ8Ŷ9;8
   `�J�1;k�~FU��`��~J;�`���熥~�`�~�`~L��J��N��
                                       $\text{$\text{$\psi}$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\text{$\psi$}\cdot\te
#$`�J�1:k�-F#1:k�-F1:k�-F`JL�#�wN������NN�:�wp##$ 焜��NiY�:�wp#?
#S`�J�`��~J:�`������~�`�-�`~L��J��N��
�#YJ�`K�`p��p��o�:L#�J��Y�:��`�p�`�K�`p�1:K�-F`K�c�L~#�� LJ:�L~#���#W�L�pw�LJ:�L~#
�`�#�`�Jk��`~L��J��N�� �#YJ�1:k�~F`��-�II-�`�-�`���\��`�oM�`~L��J��N��
```

Ŷ#YJ**Ŷ**L**Ŷ**CŶŶNŶYJ#Sp:9k**ŶŶŶŶŶŶ**\$;8**Ŷ**#~**ŶŶŶ**`k#**ŶŶ**:LŶJCL;**ŶŶ**L8#;

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%ŶĹĴŶĹ;ŶŶ;ĹĔŶĹ#ŶŶĴ~ŶŶXYĴ;ŶĹ#Ĵ#ŶŶŶĹĹŶF`ĴĹŶ#ŶMŶŶĬĎŶĴ#ŶŶŶŶŶŶŶ;ŶĸſŎĦ;#ŚŶŶŶĴ#ŶŶŶŶŶŶĸŎĸŎĦ
#S`�.1�1S�FI �#���`����
~Ŷ`Ŷ~Ŷ`ŶŶŎĸŶ`ĸŶ,ŶxŶŶŶĿŶĊŶŶĸŶŶJ#Sp:9ŶŶ~ŶK#~ŶFYJ#Sp:9KŶŶŶŶĸŶK#~ŶŶŶ`ŶĸĸŶ`ŶĸĸŶ`ŶĸĸŶ`Ŷĸĸ
                                 �#YJ���x:�p��������LOJ#�:����J,pLJ:���J:JS�#L���:�C#�`��-�ॉॿ-�
`���`��pw�`�pwLp�N�--��Jp�#pS:J�x#�`~L��J��N���#YJ�1:k�~F`��-�随
LY��D:SL�D��LC�XL�:L+x:�L%��LJ�L�-YLJ�L�X#LJ�YD:D�HJ�DW�L�XWD�������
~Ŷ`Ŷ~Ŷ`ŶŶŒŶŶŒŶŶŶĸŶŶŊŶ~ŶŶŊŖŶ#pS;JŶX#Ŷ`~LŶŶŊŶŶŊŶŶ
                                                                                                    �#YJ�1: k�~F`��•�熥
~Ŷ`Ŷ~Ŷ`ŶŶŊ₩Ŷ`ŶŊ₩ĿŊŶŊŶ~~ŶŶJŊŶ#ŊS:JŶX#Ŷ`~ĿŶŶJŶŶŊŶŶ
Ŷ#YJŶŶĿŶJ:ŶŶŶĿŶŶĿŢŢŶĿĊŶĸĿŶŶ#ŶĿĴŶJ#ŶĿŶĸĿŶŶŶĿĸĴŶŶĿŶĴŶĿŶĴŶĿ;pSŶŶĿĦċĸŶŶŶĴĊĿĴĿŶŢ#Ŷ#pŶ
CLŶwLŶŶŶLIJp#ŶLVŶJ#ŶLWŶŶŶŶLp:LwJWŶ#LŶwL:ŶLŶ:SŶ#L~x#Ŷxp:SLŶŶŶL#ŶŶxŶŶLŶŶXŶKŶŶŁŶŶx;LJ^~~
Ŷ#YJŶ1: kŶ~F`ŶŶ~ŶĬĨ~Ŷ`Ŷ~Ŷ`ŶŶŒŴŶ`ŶŒĸĿŒŶŊŶ~ŶŶĴŒŶ#Ġ$; JŶx#Ŷ`~ĿŶŶĴŶŶŊŶŶ
           �#YJ��:LJ��o�o�:�L��L�Jw�LJ��LZ|
~~��LJ��L�w�#��L��L��L��CH-���QQL#�Kxp��LJ:�L�-J:�LUp#�L#�J�p�:L%
%ŶĿĸŶĿŶŶŶĿŶŶĿŶĸŶĸŶĸĬĿ#ŶĸŶĿŶĸŴŧŧŶĿŶŶĿŶŧŔĬŶŶĿĬĿŶŶŶŧĠŶŧŶŶŧĸŊŶŶŶŧĸĬŶĸĸĸĸĸ
�L#�J�p�:L���L�p��L���L�������-J#�Y�:�LJ:�LUJ��k��,LJ�L�x#L:? LY��p:S�`��-�ቯ-�`
~$`$~$`$$p\\$`$p\\Lp$N$~~$$Jp$#pS:J$x#$`~L$$J$$N$$
~Ŷ`Ŷ~Ŷ`ŶŶŊŴŶ`ŶŊŊĹŊŶŊŶ~ŶŶJŊŶ#DS;JŶX#Ŷ`~ĹŶŶJŶŶŊŶŶ
                                                                                                     ②#YJ�1:k�~F`��◆頒
~\hat{\partial} \cdot\hat{\partial} \cdot\hat{
                                                                                                     �#YJ�Up#�L�J#�J�L+�:L+��:
낌:LJ���:���L���LY��p:SLp:L���LKp����L��;pS��L#�SJ#�p:SL�#Jwwp�L�J�Yp:SLJ:�L�X�L��#
:XŶŶĹŶŶĹ;ŶŶĹp;ŶŶXŶŶĹŶŶŶĹĹp#ŶĹĔpŶ#pŶŶĹp;ĹYJŶŶŶ#ŶĹŶĸĹŶpS;pwpŶJ;ŶŶĹŢŶĹŢŶĹŢŶĹŶĴwŶĊĹĴŶ
LpQLJ~~QpQQLQQLWJ#pQxQL#QJQQJCLJ;QLQQQQHL~#Q#QEQLKQLQQQQ-Q#JQQQQL;QQQLQQLQQLQQLQQ
X��F���,Lk����PL��X:�p�L��YK�#LQJ#�:L�:���L:����L�J�LYp��p:S�`��-���
~\hat{\partial} \cdot\hat{\partial} \cdot\hat{
                                                                                                     �#YJ�1: k�~F`��•�舖
Ŷ#YJŶ#₽Ŷ#ĿŶŶĿŶx#ĿYŶŶp:SŶĿŶĿŶĿŶĸŶĸĿĸĸŶĸŶĸŶĸŶĸŶĸŶĸŶĸŶĸŶĸŶĸŶĸŶĸŶŶŶŶĿŧŶwĸŶŶŶĿſSŶ:ŶJŶĿĸŶĿŶJŴ
�.] : | ���| �xk�] :��| �w| C�x#| #��x��|
LŶJYL+Ŷ:ŶŶL~xKŶpŶLŶŶſŶ:ŶŶL#ŶSJ#Ŷp:SLŶŶpŶLpŶŶſLJŶLCŶx#LOŶx:ŶpŶLſŶŶp:SL#ŶŶ;JŶŶŶLŶpŶŶ
LXQLJ:QLYJ:CLQQQQHQ`QQ-QXII-Q`QQ-QXQQDWQ`QQMD;QNQ-QQJpQHpS:JQXHQ`~LQQJQQNQQ
           �#YJ��LJYL��-n:SL��L�J#�L��L:�#YJ�p��L�x#L#��J�p�:�Lkx�L�x#L�p?;
#p&J&L&&;w&p&&&L&Jw&L&#&J&&&L-&&x#&&L_;&L-&&po&p&;&L&;LK&&&L&po&&L&Qo&X&L&po&&&L&Qo&L&Qo
LKŶĹJŶŶ#ŶŶŶŶŶĹJ:ŶĹ#Ŷ~Jp#ŶŶĹŊ;ĹŶ#ŶŶ#ĹŶŶĹŶ#XŶĊĹYŶŴŶĹŴ#ŶJ#Ŷ`ŶŶ~ŶĬĨĨ
~Ŷ`Ŷ~Ŷ`ŶŶĸŶŶĸŶ`ŶĸĸĿĸŶŊŶ~ŶŶIJŶ#ĸS;JŶx#Ŷ`~ĿŶŶJŶŶŊŶŶ
                                                                                                    �#YJ�1:k�~F`��•�熥
~Ŷ`Ŷ~Ŷ`ŶŶŊ₩Ŷ`ŶŊ₩ĿŊŶŊŶ~~ŶŶJŊŶ#ŊS:JŶX#Ŷ`~ĿŶŶJŶŶŊŶŶ
Ŷ#YJŶŶĿďžXŶŶĿJŶŶĿŶ#Ŷ:SŶĊĿŶ:ŶŶX#JSŶĿĊŶXĿŶŶĿŶXŊŶ,ŶĊĿYŶŴŶĿŴŦŶJ#ŶĿŶŊŶŶĿŶŶŊŶŶĿŶŶŊŶĿĿŶ
:��:��L~#�~��J�Lw�#LJ��p���:J�L�wp��#�Lw�x#��Lk�J��L��SJ#�������������L��:��:
SLŶX#ŶŶĿ#pŶĿJŶŶŶŶŶŶŶŶŶŶŊŶĿŊŶĿŶpŶŶĿŶJ,ŶĿŶďžĿĊŶJ#ŶĿŶŶĿJŶŶĸJŶŶĊĿŶJWŶĿŶŶŶŶŶĿŴĸĸĸĸŶŶ#ŶĿ
�;L���L�#��L��;��H;�LY�LK�jx��LC�xLj#�LJ�#�J�CLK�p;�`�#����#########��-��ia-�`�-�`�
�pw�`�pwLp�N�--��Jp�#pS:J�x#�`~L��J��N���#YJ�1:k�~F`��-◆随
~Ŷ`Ŷ~Ŷ`ŶŶŊĸŶ`ŶŊĸĹpŶŊŶ~ŶŶJpŶ#pS:JŶX#Ŷ`~LŶŶJŶŶŊŶŶ
```

ŶĿŶŶĿŶJwŶĿŶp#ŶŶĿŶ#Ŀ:ŶŶĿwp#ŶwpŚŶŶŶ#ŶĿŶwŶ#ĿŶŶ#ŶŶĹĊŶJ#ŶĿŶ:Ŷ#ŶJŶp:SĿŶx#ĿŶJpŶĊĿŶJwwp:SĿk ĊĿŶĿ~Ŷ#Ŷ::ŶŶĿŶŶĿJĿYp:pYxYĿŶwĿŶ#Ŀ~Ŷ#Ŷ::ŶŶĿŶ:\ŶxŶĊĿ~Ŷ#ĿŶJĊĿJ:ŶĿkĊĿJŶŶp:SĿŶdžĿ:ŶŶĿx:pŶ

ŶĿŶ:ĿŶŶŶĿIJŶĿ#pŶŶĿŶwĿ#pSŶŶJCĿ;#;Ŷ`ŶŶŶŴ

```
�#YJ�1: k�~F`��•ゆ熥
~\hat{\partial} \cdot\hat{\partial} \cdot\hat{
~Ŷ`Ŷ~Ŷ`ŶŶĸŶŶĸŶ`ŶĸĸĿĸŶĸŶ~ŶŶĬĸŶ#ĸS:JŶx#Ŷ`~ĿŶŶĬŶŶŊŶŶ
                      �#YJ�#J�L��L, :��:Lp:L8#;#�LDz�:L#J���JCL�J�L~#�-�����J�L����
XŶŶĿŶJWŶĿĦXŶĿ~J#Ŷ:Ŷ#ŶŶĿŶpŶŶĿŶŶŶĸŶŶŶŶŶŶĿŶĿJ#ŶYŶ:ŶĿŶ:ĿJĿ#Ŷp:ŶĿŶxkŶpŶĿ#JwŶĊĿpY~JŶŶĿŴ
��L-�#�J-�L�Ldžx��:��Lk�L�#p�p:SL��p�LY���JS:Û}`��-�樋
~Ŷ`Ŷ~Ŷ`ŶŶŒŶŶŶŒŶŢŶŊŊŶ~ŶŶĬŖŶ#pS:JŶX#Ŷ`~LŶŶĬŶŶŊŶŶ
                                                                                                                                                                                                �#YJ�1: k�~F`��•�熥
~Ŷ`Ŷ~Ŷ`ŶŶŊ₩Ŷ`ŶŊ₩ĿŊŶŊŶ~~ŶŶJŊŶ#ŊS:JŶX#Ŷ`~ĿŶŶJŶŶŊŶŶ
p:SLw@#Lx:p&&L@AL;JWpSJ&&LS#p&&,L&#Jwwp&L&&&L&&&L&J$&Lw@#L&#J$&&C}LK&LYJCL&JW&L&X#L
: SI ��#�I w�#I �
%LC&J#&LJ#&L&#C&J&L&&&J#&L&&Lwx&&CL&x~~&#&L&&:&L&ELJ:&LQ&p&wL+&:&&:&&L~#&~&&J&`&&-
 �#YJ�c�J:, LC�x`��-�頌-�`�
�pw�`�pwLp�N�-��Jp�#pS:J�x#�`~L��J��N���#YJ�1:k�~F`��-�滿-�`�-�`�Jk��J��N��
                      Ŷ#YĴŶċĴĸŶŶĹĸŶ#ŶŶ#N#ĹŶŶŶŶŶĴŶĴŚŊŧĹŶŶŶŶĴĴŶŊċŚŊ#ĹŶĊŶŶŊŶĸŶĸŶŶ#ŶŶ#ĴŶŶŶŶĴŶĨŶŶŶ
7; `$#$`$$L$D$N;#%LWJ$pS:N$$~L$C$$N$$D$$$ ~$FK$#$$#$:$:$FK$#$$#$##pS$$$$$D$D$D:$#:
�#YJ�`pYSLk�#��#N#L�p�N;�8L��p$��N;#�Lp�N���####�p;#8
ŶĿŶ#ŶŊŶŶĸŶŊŶJ$Ŷ##;Ŷ$pwŶ#;OUŶŶ|ĔŶŶŶŒŶŶ#₽ĿJŶŊŶĔŶŶ#p~ŶpŶ:ŶĿYŶ:Ŷwb#Ŷ#ŶŶJŶ
1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k^*F1;k^*F1;k^*F1;k^*F1;k^*F1;k^*F1;k^*F1;k^*F1;k^*F1;k^*F1;k^*F1;k^*F1;k^*F1;k^*F1;k^*F1;k^*F1;k^*F1;k^*F1;k^*F1;k^*F1;k^*F1;k^*F
F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-
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���#�#��;%#L�p�����ֈ����1:k�-FL#1:k�-FL��:�L�J#,�L�1:k�-FL �#8�`�J�`�����.
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ZŶHŶŶ# ĽŶŶŶŶŶŶŶŶŶŶŢŶ1:KŶ~F#1:KŶ~F`JLŶ#ŶMŶŶŶŶHŶŶ#Ŷ8Ŷ9;8 ŶŶĦŶŶ# LŶŶŶ9;8
 `�J�1:k�~FU��`��-J:�`���熥~�`�-�`~L��J��N��
                      Ŷ#YJŶ`Ŷ~J:LŶĊŶŇŶŶŶĤŔĸŶJŶ,ŶŶĬĿŶ#ŶĸŇŶYJPŶJ#ŶŶŶŶŶŒĸŶĸŊ##$ŶŶŶJ#ŶŶŶŶſĸŶĸŊ#
#$`�J�1:k�-F#1:k�-F1:k�-F`JL�#�wN�������Nh�:�wp##$ 焜��NiY�:�wp#?
#S`�J�`��~J;�`�����������`~L��J�����
Ŷ#YJŶ`ĸŶ`pŶŶĸŶĸŶ:L#ŶJŶŶYŶ:ŶŶ`ŶĸŶ`ŶĸŶ`pŶ1:kŶ~F`ĸŶĊŶL~#ŶŶ`LJ:ŶL~#ŶŶŶ#wŶĿŶĸwŶĿJ:ŶL~#
�`�#�`�Jk��`~L��J��N�� �#YJ�1:k�~F`��-�熥
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#**\Particles**#\Particles#\Particl

$$\label{eq:control_equation} \begin{split} \# \hat{\mathbf{v}} + \hat{$$

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88Vz� t#9M 号�[)����� =A���#����#ZI T����tV.{K,Y���F�A�(�zj����� #:###h��(�#�����)\$NV �]1��#D�~X�##rA<#SP�e#�1��?^����惟"v#m>@#f %uŠ#\$tê:ê,ê@\$@#)g@@##T@@#v@xG@w<@xx@@h@b@<T_1.t@@\$h

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$\[ L$\text{\parabola} L$\text{\
%ŶAXAAAŶ%ŶA#AAA!%bA6AAAŶ%ŶAA6AA#%bA====Ŷ%ŶAL6AAŶ%ŶAŶ6AAt
%bA�AAA ��A&6AA��bAAAAA/'A/�AAIIA+6AA��Y&�AA���HA6AAA=�#AAAA�AAAIIAtA�A`AEA�ACA�A�A
6h]cA�5#6�]LA�#bA�]�A��#6=]#A�!bAA##A�t�A6#tA�n�A##�A�b�Ab#IA��#6##�A��bAA HA�#bA!
ŶĸŶŶŊĸŶŶĸŶĬĸŶĸŶĸŶŶĸĸŶŶŶĸŊŶŶĸŶŶĦĠŨŶŶĸŶŶŊĸſĬĔĸŶ*ŊĸĬŶĸŶĿŶĸŊĸĦŔŶŊĸŶŚĸĸŶĸŊĸĸŶĸŊĸĸŶĸŶĸĸĸĸĸ
$AAA [$]
���J:S�L��Yp:p�#J�pW�L##�x~LHU�E�V�#U8�#�E�c_�:N��p~p�:���:N���J,pAAAAD���XV#G#P�
A���'6AAAAAAA�NQp�CL�wL��:�L�J#,�xN|
ŶŶŶĴ;SŶĿŶŶŶſŎ;ĎŶĦĴŶŊŴĿ##Ŷx~ĿĦŮŶĔŶŶŶĦŮŜŶĦŶĔŶĊŶ;ŊŶŶŎ~ĎŶ;ŶŶŶŊŊŶſŶŶŊŊŶŎŶŶĴŊŎŶŶŶĄŎĄŶĄĴĄ,ĄŊĄŶĄĹ
AŶAŶAŶAŶA#ALAŶA | AŶAŶAŶAŶANAOADAŶACALAŶAWALAŶAŶA: AŶAŶALAŶAJA#A , AŶAŶAXANA |
AŶAŶAŶAJA:ASAŶALAŶAŶAYADA:ADAŶAŶAŶA#AJAŶADAWAŶALA#A#AŶAXA~ALAHAUAŶAEAŶAVAŶA#AUA8AŶA#A
ŶAEAŶACA_AŶAŶA:ANAŶAŶAŶAŶAPA~APAŶA:AŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŢA,APA|YŶNQŶCŶĿŶIJĿŶ|ŶŶĿŶゾŶ
砫 N |�Q#�
                           # | L�E��
                                                        Ŷ#CŶŶĊijĹ#ŶŶŶŶĹĦŮŶĔŶŶŶ#U8Ŷ#ŶĔŶĊŶONŶĬO∀ŶĬ
NŶĠ#ĊĸŶĸŶĸŶĸŶĸŶĸŶĸŊĸŊA, ApAŶAYĸŶA: ĸŶĸŶĸ~AJA#A, ĸŶĸŶĸ₩ĸSĸŶĸŶĸŶĸŶĸŶĸŶĸŶĸŊA, ApAŶĸŶĸŊA, ApAŶĸŁ
AŶĂŶAŶAŶAŶA#ALAŶAŶŶ{Ŷ#ŶŶŶŁŶŶ#FŶŁAŶAŶAŶAJA, ADAŶALAŶAŶAŶAŶA#ALAŶAAAADŶŶŶXV#G#PŶAŶŶŶ\6A
AAAAA�NOp�CL�wL��:�L�J#,�xN|
���J:S�L��Ŷp:p�#J�pW�L##�X~LHU�E�V�#U8�#�E�c_�:N��p~p�:���:N���J,pA�A�ANAQApA�ACAL
AŶAWALAŶAŶA:AŶAŶALAŶAJA#A,AŶAŶAXANA|
AŶAŶAŶAJA:ASAŶALAŶAŶAYAPA:APAŶAŶA#AJAŶAPAWAŶALA#A#AŶAXA~ALAHAUAŶAEAŶAVAŶA#AUA8AŶA#A
H \###; ��U AA� ¡�#��� '�. th��%6aaaaaad����xv#G#P�A��� '6aaaaaa�nop�CL�wL��:�L�J#.�xnI
ŶŶŶĴ;SŶĹŶŶŶſĎ;ĎŶ#ĴŶſĬŴĹ##ŶX~ĹĦŮŶĔŶŶŶ#ŨŜŶ#ŶĔŶĊŶ;ŇŶŶŊ~ſŶ;ŶŶŶ;ŇĴŶŶŶŊ;ŶĊ#ŶAAAAĀĎŶŶŶXV#Ġ
#P�A���'6AAAAAA��NOp�CL�wL��:�L�J#,�xN|
ŶŶŶĴ:SŶĿŶŶŶſĎ:ĎŶ#ĴŶſĬŴĹ##ŶX~ĹĦŨŶĔŶŶŶ#ŨŚŶ#ŶĔŶĊŶ:ŇŶŶŊ~ſŶŶŶĬŊŶŶŶŊ:ŶĊ#ŶŔŶŔŶŔŶŔŶŔŶŔ
#AŶAŶALAŶAŶAŶAŁAEA|AŶAŶANAOApAŶACALAŶAWALAŶAŶA:AŶAŶALAŶAJA#A,AŶAŶAXANA|
AŶAŶAŶAJA:ASAŶALAŶAŶAYAPA:APAŶAŶA#AJAŶAPAWAŶALA#A#AŶAXA~ALAHAUAŶAEAŶAVAŶA#AUA8AŶA#A
ŶAEAŶACA_AŶAŶA:ANAŶAŶAŶAPA~ApAŶA:AŶAŶAŶAŶAŶA?ANAJAŶAYAŶApA:AŶACA#AŶA|YŶNOŶĊŶĿŶUĿŶ|
              ��L��� N | �0#�
                                                                                    $\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\
                                                        # | L�E��
              C#�Q N�E�Q�
                                                        c��|
AJAŶAYAŶApA:AŶACA#AŶAŶAYAŶA:AŶAŶA-AJA#A,AŶAŶA#ASAJAŶAYAŶApA:AŶACA#AŶAŶAŶAŶA$A:AŶACA#A
��'6AAAAAA�NQp�CL�wL��:�L�J#,�xN|
ŶŶŶĴŢŜŶĹŶŶŶŎŢĎŴIJŶŊŴĹ##ŶX~ĹĦŮŶĔŶŶŴĦŰŔŶĦŶĔŶĊŶŢŊŶŶŎ~pŶŢŶŶŶŢŊŶŶŶŎŢŶĊŢŶŔŶŔŶŔŶŔŎŎŎŎŎ
CALAŶAWALAŶAŶA:AŶAŶALAŶAJA#A,AŶAŶAXANAI
A�A�A�AJA:ASA�ALA�A�AYApA:ApA�A�A#AJA�ApAWA�ALA#A#A�AXA~ALAHAUA�AEA�AVA�A#AUA8A�A#A
ŶAEAŶACA AŶAŶA:ANAŶAŶAŶAŶAŶAAA-ADAŶA:AŶAŶAŶAŶAŶAŶAAA.ANAJAŶAYAŶADA:AŶACA#AŶA6!AAAAA!ŶAAA [Ŷ
H \###;��U�AA#X9}��##��,��K@#AAAAAAD���XV#G#P�A���'6AAAAAA�NOp�CL�wL��:�L�J#.�XN|
���J:$�L��Yp:p�#J�pW�L##�x~LHU�E�V�#U8�#�E�c_�:N��p~p�:���:NQQJ#�:AAAAAD���XV#G#P�A
���'6AAAAAAA�NQp�CL�wL��:�L�J#,�xN|
���J;$���YD;¤�#J�PW$L##�X~LHU�E�V�#U8�#�E�C �;N��PO-P�;���;NOOJ#�;AOAJA#A�A�A�A;A�A
LAŶAŶAQAJAŶAŶAŶA#ADA:AŶA|AŶAŶAŶANAQADAŶACALAŶAWALAŶAŶA:AŶAŶALAŶAJA#A,AŶAŶAXANA|
A�A�A�AJA:ASA�ALA�A�AYAPA:APA�A�A#AJA�ADAWA�ALA#A#A�AXA~ALAHAUA�AEA�AVA�A#AUA8A�A#A
# | L�E��
                                                        $\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\
砫 N |�Q#�
                                                                                                                                                                        c#�0
              NQQÿ�c�
```

```
V#G#P�A���'6AAAAAAA�NQp�CL�wL��:�L�J#,�xN|
���J:S�L��YD:P�#J�pW�L##�x~LHU�E�V�#U8�#�E�C �:N��p~p�:���:NQQJ#�:A�A�ANAQApA�ACALA
ŶAWALAŶAŶA: ÁŶAŶALAŶAJA#A, AŶAŶAXANA I
AŶAŶAŶAJA;ASAŶALAŶAŶAYADA;ADAŶAŶAŶA#AJAŶADAWAŶALA#A#AŶAXA~ALAHAUAŶAEAŶAVAŶA#AUA8AŶA#A
ŶAEAŶACA AŶAŶA:ANAŶAŶAŶAŶAŊA~ADAŶA:AŶAŶAŶAŶAŶAŶA`A.ANAOAOAJA#AŶAŶAŶA;AŶAAAAAAAŶAAA6AAAŶAAA#
�AAA#AAA#6AAAAAAAAAAAAAAAAAAAAAAAAAAAL#AAAAA&#AA66====X�AAAxAAA�bAA&bAAAbAALbAA6AAA
b#b#b�b訚�L�����!�!�!z!8n�non�n���
%ŶAŶ#bAt%ŶAŶnbAŶSAAŶAbA.SŶAŶ6pAYAJASAŶA#A#A;AŶA#A~ASA|ŶAAAAAA|
AAA!! A\KAŶA'! AŶAŶ#!!! Û#Ŷ$#######ŶŶŶŶLAAAŶAAŶ#nAŶA6AŶAŶAŶAŶAŶAŶAŶAŶAŶA
AŶALA#AXAKA9AOAŶAYAYADAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶA
%ALA�ALA�A~AYALA9ALAUApA#A�ALA�A�AYApA:ApA�A�A#AJA�ApA�A:ALA9ALA�A#A�A~A�A�A�A�ALA�
                                          # | L�E��
ASA�A∶A�AJA. D�gT6|YÛNQ�c�L�UL�|
                            ��L�ÿ�挂 N | �Q#�
                                                   �#c��ci1
                                c#�Q N
L#����LHU�E�V�#U8�#�E�c �0
                       N�|0√�|
                                          #�����A�A|
A�ALAAAAAD��XV#G#P�A���'6AAAAAAA��NQ�c�L�UL�| ��L�Y�ÈN|�Q#�
                                                   # | L�E��
    �#C��C||L#����LHU�E�V�#U8�#�E�C_�O N�|OY�|
                                          c#�Q
#,�xN|
���J:S�L��Yp:p�#J�pW�L##�x~LHU�E�V�#U8�#�E�c �:N��p~p�:���:N:�YJ#pJ:�AOAJA�AJA�A�A�
AŶALA ADAŶAŶAŶAŶAAAADŶŶŶXV#G#PŶAŶŶŶŀ6AAAAAAŶNOŶĊŶĿŶŬĿŶĹŮŢŶſĿŶŰŶŦŊŢŶO#Ŷ
                                                             #|
L�E���#c��cj|L#����LHU�E�V�#U8�#�E�c_�O N�|Oy�]
                                          c#�0
    N�Q#CXQAQAQAQAQAJA, ApAQALAQAQAQAQA4ALAQA|YQNQQCQLQULQ| QQLQYQEN|QQ#Q
L�E���#c��ci|L#����LHU�E�V�#U8�#�E�c_�Q N�|Qy�|
                                          # | L�E��
    ��L�Ÿ�È N | �•Q#�•
                            A PAPALA PAPAPAPAPAPANA |
         A#A|ALAŶAEAŶAŶA AŶA#ACAŶAŶACAŶAŶA|
A�AOA#A�A
ALA#AŶAŶAŶAŶAŶAŶAŁAHAUAŶAEAŶAVAŶA#AUA8AŶA#AŶAEAŶACA AŶAOAANAŶA|AOAŶAŶAŶA\A ACA#AŶAOA
         A#AŶAŶAŶAŶAŶA
    AŶA#AXAKA9AQAŶAYAYADAŶAŶAŶAŶAŶAŶAŶAŶAŶAŊA:ASALA9ALA+AXA:AŶALA
%ALAŶALAŶA~AYALA9ALAUADA#AŶALAŶAŶAYADA;ADAŶAŶAŶA#AJAŶADAŶA;ALA9ALAŶA#AŶA~AŶAŶAŶAŶAŶAŶA
ASAŶA:AŶAJA66TŶŶĦŶŶĬŶŶŶ?38ŶĬŶ6LŶ6EtXŶAXŶŶ|AŶAŶANAQAŶACAŶALAŶAUALAŶA|A
    AŶAŶALAŶAŶAŶAŶAŶAŶAŶAŶANA|AŶAQA#AŶA A#A|ALAŶAEAŶAŶA AŶA#ACAŶAŶACAŶAŶA|
ALA#AŶAŶAŶAŶALAHAUAŶAEAŶAVAŶA#AUA8AŶA#AŶAEAŶACA AŶAOAANAŶAIAOAŶAŶAŶAŶAIAACA#AŶAOA
    ANAŶAŶAŶA#ACAŶAŶAŶAŶA\AŶAŶAŶANAQAŶACAŶALAŶAUALAŶA|A
    AŶAŶALAŶAŶAŶAŶAŶAŶAŶANA|AŶAOA#AŶA A#A|ALAŶAEAŶAŶA AŶA#ACAŶAŶACAŶAŶA[
ALA#AŶAŶAŶAŶAŶAŁAHAUAŶAEAŶAVAŶA#AUA8AŶA#AŶAEAŶACA AŶAOAANAŶA|AOAŶAŶAŶAŶA|A ACA#AŶAOA
    ANAŶAŶAŶA#ACAŶAŶAŶA`Ŷ#&##88J%Ŷkw#JŶŶŶŶŶŶŶ;ŶŶOŶŶI
�;�Y�:�~J#,��J�AAAAA����XV#G#P�A���'6AAAAAA�NQp�CL�wL��:�L�J#,�xN|
���J:S�L��Yp:p�#J�pW�L##�x~LHU�E�V�#US�#�E�c �:N��p~p�:���:N:�YJ#pJ:�AQAJA�A�A�
                            ��L�Ÿ�È N | �Q#�
                                                   %#c%Ci|
AŶALA ApAŶAŶAŶAŶAŶAŊŶNOŶĊŶĿŶUĿŶŀ
                                          # | L�E��
L#����LHU�E�V�#U8Ð#�Ē�c �O
                       N�|0√�|
                                C#ŶO N
                                          #����AI
AŶAŶAŶANAOAŶACAŶALAŶAUALAŶA I A AŶAŶALAŶAŶAŶAŶAŶAŶAŶAŶAŊA I AŶAOA#AŶA — A#A I ALAŶAEAŶAŶA
    AŶA#ACAŶAŶACAŶAŶALAHAUAŶAŶAŶALAHAUAŶAEAŶAVAŶA#AUA8AŶA#AŶAEAŶACA AŶAOA
                                A#AŶAŶAŶAŶAŶA
    ANAŶA|AQAŶAŶAŶA|A ACA#AŶAQA
                            ANA
A�A�A:AKA�A�A*������T6#AXAKA9AQA�AYAYAPA�A�A�A�ALA�A�A�APA:ASALA9ALA+AXA:A�ALA
%ALAŶALAŶA~AYALA9ALAUApA#AŶALAŶAŶAYApA:ApAŶAŶA#AJAŶApAŶA:ALA9ALAŶA#AŶA~AŶAŶAŶAŶAŶA
ASA�A:A�AJA6!AAAAA!�AAA[�|H٣##;��U!�AA6!AAAAA!�AAA[�|H٣##;��U!�AA6!AAAAA!�AAA[�|
A#A8A8AJA%A�AKAWA#AJA�A��A A�A�A�A�A A�A�A; A�A�A�A�AQA�A�A|
A�A; A�AYA�A: A�A�A-AJA#A, A�A�A�AĴA�AĴA�AŶA�A`A�AŶA, AQA�A�AŬAŶA9A%A8A#A | A9A�A A�AVA9A
```

AQA�A�A9AEA�AQA�A�A;A�AVA|

```
AUAUAEA�AYA�A:A�A�AWADA#A�A�A�A#ASA�ALA`A�AUA�A�AQAUA;A#A9A#A�A�AEA9A�A8AEA�A9AVA�A
ŶAŶA9AŶAOAŶAVA
AŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŊAŊA#AŶAŊA₩AŊA#AŶAŶAŶA₩ASAŶAŶAŶA`AJAKAŶAJAŶAŶAŶAŶAŶAŶA$AJAKA;AŶAŶAŶA$AA
%AŶAŶA AWAWAŶAŶAKAJAŶA#AŶAŶA8AŶAOAŶAŶAI
AŴA%AŴA9AŴAŴAŴAWABAWAUAŴAŴAŴAWAWAYAWA;AŴAWADA#AŴAWADA#A&AWALA`AUA AVAOAŴAWA
%AUA9A�A�A�A�A�A�A�A�A A9AVA�AEA�A9A�A|A|A#A%A�A�A�A;A�A
AOAŶAYAŶA: AŶAŶAWADA#AŶAŶAŶA#ASAŶAŶA`A AJAKAŶA%A AWAJAŶA8AWAŶAŶAŶAKAJAJAŶA;A;A
AŶAUA: AŶA9A#AEA AVA9AŶAVAŶAŶA9AŶA#AŶAŶAŶAŶAŶAŶAŶAŶAŶAŶA
%AUAŶAUAVAŶAŶAYAŶA:AŶAŶA~AJA#A,AŶAŶA#ASAŶA`AQA;AŶA AŶAUA;AŶA9A#AEA
AVA9AŶAVAŶAŶA9AŶA#AŶAŶA9AŶAŶAŶAŶAŶA
%AUAŶAUAVAŶAŶAYAŶA:AŶAŶA-AJA#A,AŶAŶA#ASAŶAŶŶDŶqT6^ŶŶDŶqT6`Ŷ55Ŷ#00Ŷ#2Ŷ#ŶAAAAŶ
%1�X��E#$|| �A#V�L��}�#�n�D#HA1i00AA���#�F�O��#.SA6���#AA������ 3��I �AA���}H4^�
A�A�A�ALA�ALA�APA�A�ALAJA�A, ALAQA�APA�AWALA#A�A�AJA~A�A�A�AXAYAJA:ALA#APASA�A�ALA
: A PAPA PADA PADA PA
ADAŶAŶAŶAŶALAOAJAŶAJAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAQADAŶACALAŶAWALAŶAŶA;AŶAŶALAŶAJA#A, AdAŶAŶAŶAŶAŶAŶAŶA
LALAŶAŶA#A9AŶAŶA#A9AŶAŶA;A;AdAŶAI
AYAJADAŶAŶALA:AŶAŶAJAŶAJAŶAŶAŶAŶAŶAŶAŶA:AŶAŶA~AJA#A,AŶAŶA#ASAAAŶAGAŶAU#AŶAJA#AŶALAŶAŶA
%A\PALA8A#A;A
A#A�A�AYA�A:A�A�A~AJA#A,A�A�A#ASA�AFALAQAQAJA�AJA�A�A�A�ALA
        ADAŶAŶAŶAŶAAAADŶŶŶXV#G#PŶAŶŶŶ¹6AĀAĀAAAŶNQpŶCLŶwLŶŶ:ŶLŶJ#,ŶXN|
���J:S�L��Yp:p�#J�pW�L##�x~LHU�E�V�#U8�#�E�C_�:N��p~p�:���:N:�YJ#pJ:�AQAJA�AJA�A�A�
AŶALA ADAŶAŶAŶAŶAAAAADŶŶŶXV#G#PŶAŶŶŶ'6AAAAAAŶNODŶCLŶwLŶŶ:ŶLŶJ#,ŶxN|
���J:S�L��Yp:p�#J�pW�L##�x~LHU�E�V�#U8�#�E�C_�:N��p~p�:���:N:�YJ#pJ:�A|
A PAPAPANAQA PACAPALA PAUALA PA | A A PAPALA PAPAPAPAPAPANA | A PAQA#A PA A A A A LA PAEA PAPA
        AŶA#ACAŶAŶACAŶAŶALAHAUAŶALAHAUAŶAEAŶAVAŶA#AUA8AŶA#AŶAEAŶACA AŶAOA
                                                            A#A�A�A�A�A�A
        ANAŶA|AQAŶAŶAŶA|A ACA#AŶAQA
                                                   ANA
                                                                                     A�AI
AŶAŶAŶANAQAŶACAŶALAŶAUALAŶA|A AŶAŶALAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶA
                                                                                             A#A|ALA�AEA�A�A
        A PAHACA PAPACA 
        ANAŶALAOAŶAŶAŶALA ACA#AŶAOA
                                                   ANA
                                                            A#A®A®A®A®A®A
                                                                                     A PAOAJA PAJA PAPAPALA
        ApAŶAŶAŶAŶAŶAQAJAŶAJAŶAŶAŶAŶA
        ADAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAJA, ADAŶAŶAŶAŶAĴA, ADAOAJAŶAJAŶAŶAŶALA
        �A:A�A�A~AJA#A,A�A�A#ASA:A�A�AJA�AJA�A�A�A�AYA�A:A�A�A~AJA#A,A�A�A#ASALA#V�L������
ŶD#HAŶŶŶŴŶAAAAAAŶA; A9AŶA#AVACANAŶAFAŶAŶAŶANAZAOAŶAEANAKAJAJA8AŶAŶAŶAŶAŶAŶAŶAJA
%AWA9AQAWAQAKA9A AWA8AKA9A#A%AQAJA8AQA;AQA%AQAJAQAFAQAEAQA#A|AQAEANA#A;AEA8AEA|A
AŶAUAEAFAŶAEAŶAQAŶAŶA ACANAŶAfAFA#AVAŶAŶAEANA;AFA#A;ANA`AQA;AŶA AŶAUA;AŶA9A#AEA
%AUAŶAUAVAŶAŶAŶAYAŶA:AŶAŶA~AJA#A,AŶAŶA#ASAŶAFAUAŶAŶAŶAŶAŶANA%AŶA#A8A
AŶAFAŶAŶA#AŶADAŶA:ANAŶAŶA#AŶADAŶA:ALA;AŶAŶA#ALAHAVAXADAŶAŶALA;A;AŶAŶAŶAŶA#A_AŶALA#AŶA
JASAŶANA#A8AŶA:AŶA:AŶAŶA#A:AJAŶAQAŶAŶA|
A�A;A�AYA�A:A�A�A~AJA#A,A�A�A�A�AĴA�A#A�AZA;A#A�A;A#A#A�A;A#A#A�A;A�A�AfA�A�A�A
AQAQAQA`AQAQAYAQALAWAQA#AQAQAQA:ANAQA;AQA#AQALAQA:AQAQAQAA:ASANAQAXAQAWA9A;AQAQAQA
ŶAdAŶA`AŶAŶAŶA:AŶA#AŶAŶAŶAŶAŶALALA`AŶAŶA#AŶApAŶA;AŶA;AŶAŸA#AŶA#AŶA#AŶA#A
AĞAKAĞAĞAĞA; AĞAĞAHALAĞAHALAĞA; AĞAĞAĞAĞAĞAĞA ALALALAĞADAĞAĞA; AĞAĞAĞAĞAĞAĞAĞAĞAĞA ALALAĞADAĞA; A
AŶAŶALAŶAŶAŶAŶAŊAŶAŊAŶA;ANAŶAŶAŶAŶAŶAŶAŁŶAŶAĠAŶALALALALALALALA`AŶAŶA;AŶA#AŶA#AŊA;ASAŶA
�A�A#A�A�A#A�A�A;A;A`A�A�A�A�A:A�A#A�A:A�A#ApA:ASA�ALALALALALALALALA\A�A#ApASApA:AJA�A�
AŶAŶA:AŶA#AŶA#ADA:ASAŶAŶAŶA#A9AŶAŶA#A9AŶAŶA;A;A`AŶAŶA#ADASADA:AJAŶAŶAŶAŶAŶA
pa:ASAQAdAQALALALALA`AQAQAQAQA:AQAQAdAQALALALALA`AQAQAQA:AQALAHAQAJA#AQAQA:AQAQAQAQA
A�A
```

AŶAŶAŶALAŶAŶAŶAŶAŶAPAŶAPAŶA:ANAŶAŶAŶAŶAŶAŶAŶAŶAĠAŶALALALALALALA`AŶAŶAŶA:AŶA#AŶA#APA:ASA ŶAŶAŶA#AŶAŶA#AŶAŶA;A#A`AŶAŶAŶAŶAŶA;AŶA#AŶA#APA:ASAŶAdAŶALALALALALALALA`AŶA#APASAPA:AJAŶ AŶAŶAŶA:AŶA#AŶA#APA:ASAŶAHAŶAŶA#A_ALAŶAŶA#A9AŶAŶA;A#A`AŶAŶA#APASAPA:AJAŶAŶAŶAŶAŶAŶA #AŶA#APA:ASAŶAdAŶALALALA\`AŶAŶAŶAŶA?A;AŶAŶAdAŶALALA`AŶAŶAŶA?A?A?A?AŶAŶAŶAŶAŶAŶA

```
AŶA#AŶAŶAŶA`AŶAŶAYAŶALAWAŶA#AŶADAŶA;ANAŶA;AŶA#AŶALAŶA;AŶAĞAŶADA;ASANAŶAXAŶAWA9A;AŶA
A#AŶADAŶA;AŶAdAŶALALA`AŶAŶAŶAŶA#AŶAŶAŶAŶAŶAŶŶŶŶŶŶA
ŶA:AŶAŶAŶANAŶA A;AŶAŶALAŶAŶALAŶAŶAŊAŶADAŶADAŶA;ANAŶAŶAŶAŶAŶAŶAŶAŶA
%A#A;ALAŶAJAXA#AŶAŶALA#AŶA#AŶAŶAŶAŶAŶAŶAŶAŶAŶAŁAŶALAŶAJA#A,AŶALAOAŶALA
#AŶAŶAŶAŶAŶAŶAĴA,ADAŶALAŶAŶAŶAŶAŶAŶAŦALAŶAFAŶAŶAŶAŶA.AŶACA#AŶAŶAŶAŶAŶAŶAŶAŶAŁAEAOAJA#AŶAŶAŶ
A:A�ALA�A�AOAJA�A�A�A#Apa:A�AA
                ###########�#g�望
#############$$~$>$0#######~$`A$A$AYA$ALAWA$A#A$ADA$A:ANA$A:A$A#A$ALA$A.A$A?A$A?A$A?A$A?A$A?A$A?A$A?A$
AYAJADAŶA#AŶAŶAÓAÓALALA`AŶAŶA#AŶADAŶA:AŶA;AŶA;AŶAŸA#AŶA#AŶA#AŶA#AŶA
LALA`A|AYAJApA�A�A�AdA�ALALALALA\A|
AYAJADAŶALA#AŶAJA#AŶAŶA:AŶAŶAŶANAŶA;A;AŶAŶALAŶAŶAŶAŶAQAŶAQAŶA;ANAŶAŶAŶAŶAŶAŶAŶA
LALALALALA`A|
AYAJApA�A#A�A#ApA:ASA�A:A�A�AJA�AJA�A�AŶAŶA�AYA�A:A�A�A~AJA#A,A�A�A#ASA`A�A|
AYAJADAŶA#AŶA#ADA: ASAŶAdAŶALALALALA`AŶAIAYAJADAŶAŶAdAŶALALALALA`AI
AYAJAPAŶALA#AŶAJA#AŶAÒA:AŶAŶAŶANAŶA8A8AŶAŶALAŶAŶAŶAŊAŶAPAŶA:ANAŶAŶAŶAŶAŶAŶAŶA
LALALALALA`A|
AYAJADAŶA#AŶA#ADA:ASAŶAJAŶAYAŶADA:AŶACA#AŶAŶAYAŶA:AŶAŶA~AJA#A,AŶAŶA#ASA`AŶA|
AYAJADAŶA#AŶA#ADA: ASAŶAdAŶALALALALA`AŶA|AYAJADAŶAŶAdAŶALALALALA`A|
AYAJADAŶALA#AŶAJA#AŶAŶA:AŶAŶAŶANAŶAŶAŶABA#AŶALAŶAŶAŶADAŶADAŶA;ANAŶAŶAŶAŶAŶAŶA
LALALALALA\`A|
AYAJAPAŶA#AŶA#APA: ASAŶAQAQAJA#AŶAŶAŶA: AŶAŶA: AŶAŶA-AJA#A, AŶAŶA#ASA`AŶA|
AYAJADA�A#A�A: ASA�AdA�ALALALA\`A�A|AYAJADA�A�AdA�ALALALA\`A|
AYAJAPAŶALA#AŶAJA#AŶAŶA: AŶAŶAŶAŶAŶAŶAŶAŶA$AŶALAŶAŶAŶAPAŶAPAŶA: ANAŶAŶAŶAŶAŶAŶAŶAŶA

♠ALALALALALALA`A I

AYAJAPA®A#APA: ASA®AdA®ALALALA\`A®A|AYAJAPA®ACALALA\`A®A|
AYAJADAQAQAQAQAQA`AQA|AYAJADAQAQAHAQAQAHA#A6AAA5AbA6AAAGAQAQAQAA?
A�A�AAFA#6#AAANA�AXAAA�A#6#AAA�A�AA6AA�A#6L6AAVA�A�6AAQA#6&6AAEA�A�A�6#6AA�A#6
X6AAKA#A6AA��#AAAA��#A6AA����#6A�����#A~A�AL#A��#AA×A�A&#AAWA�#AAWA��#AAWA��##A
AŶAŶAX#AAŶAŶAŶAŶAAŶA#6##AAn[]#AAAAAŶ[]#6AbAAG[]ŶALbAA-[]
#6�bAA�]�A&bAA�]�A�bAAb�AX#AA�A##AA!�A#bAAn�AXbAA��bA*�A��bA#XAA-�A#bAA?
$bA$$AA$$bA$$AA$$#6A$AA
```

```
�#6L�AA��#6��AA��#6&�AAI�#AAAAA#]�A�AAb]#6#�AAu]bA6AAA*##6��AA^#bAbAAA�#�AX�AA
#�A#�AV#�AA!AA*#bA====�#�AL!AA�#�A�!AA###6&!AA###6�!AA*##6#!AAt##6X!
AA^##A6AAA��#A6AAA>�A#!AA��bA�
                 AA#�bA#�AA
ŶAAnAAŶŶ#6LnAAŶŶAŶnAA/Ŷ#6&nAAŶŶhAŶAAŶŶŶŶŶ
��A#nAA] �AXnAA���A#nAA#��AA��AA;��AL�AA�A�j�A&�AA���AA
��A#�AAW�bA====#�bAAA^A#�bA#AAA6f�AX�A#f�A#�A����A#�bA#�bA#AA���#6L�AA#wbA�A#�bAA
AAATŶ#A6AAAŶŶ#AAAAALŶŢĄŶŶAAŶŶA&ŶAAŶŶĸŶŶĸŶ
丫,########$��LAAAAAA�#nA&AA#A�A:A�ALA�A�AYA�AG#�A�A#�bA6AAA��bAAAA��#AAAAAAA
ALAAAAAAAAAAAbA5AtA�!�AGAIA�bbA�A`A�]�A%A�A���
AHAŶ#ŶAVAŶAŶn#AKAŶA6d#AŶACA6ŶA~AEAŶŶ#6ŶA#AŶ
ŶŶŶĸŶŶŀŀĠŊŶĸŶŶŊĸŹŀŶĸŶŀŶĸŶŀŶĸŶŁŀĠ*#ŶĸŶŶŊĸŀŶĸŶ*bĸŶSĸŔŶŊŊĸ,$ŶĸŶĠ#ĸĸĸſĦĿŔŶĠ################
####<del>��#####��#############</del>h#I
###R�#H@#######���#�AAAAAAA���AAAA#d�A�A
�A*�HA��bA���#A�#bA�w#A�I bA�SAA�AbA.S�A�6#AAAI ATA�A######################�##�#�]D####
#######Ci##H######L#######P######T#############(#H#=�]�Z###################
YŶFĿŶŶĴ#ŶŶŊĸo;ŶŶŶ9;8Ŷ8ŶŶ`ŶŶĴŶ`ĸŶŶĊĿŶĸĦŶĴxŶŶŶŶŶŶŶŶŶĸĿŶŶŶĹĹĨY~FĿ
  p���������\��\D�N��-��Jp�#pS:J�x#?
OJ:LXL~��J��LJ�,L#J#���LpwL��L�J:LY��L�p��L���M.�J#�p:SLJ�LZ���L1:k�-F�CL�pw�L1JY~F
LŶJXSŶŶŶ#ŶŶLKD#ŶŶŶJCŶLJ#ŶĿŶŶŶJCLŶĿŶĿ;ŶŶŶĿŶŶĿŶŶJĸŶĿŶŊ±
@#`k#$`k#$$Q$#L$$$J,p`$pW$$$:$L$J#,LQp$CLQ$x:$p$Y$Yk$#1:k$~F`$$pW$`$pW$`$pW$`$
pW@#@:@Lw#@YLYCLp@@@:@@L@L-@@J@@Lw@#SpW@L@C-@@LJ:@Lk@x:@L@J:SxJS@`@@pW@`@@n\@`@p\@`
k#��:L+x:L��L8#;
%ŶĹĴŶĹŹ;ŶĹŶŶŶĹŶŶŶĊĦŶŶĹŶŶŶĹĿĹŶŦ`ĴĹŶĦŶĸŇŶŶĴ₽ŶĬŶŶŶp:ŶĊĦŶŶŶ:Ŷ~ĴĦ,ŶŶĦŚŶŶĴŶŶŶp:ŶĊĦŶŶŶ:
�~J#,��#S`�J�1S�FL�#���`k#�`k#�`��๗๗`k�,�x���L�C-�N����
ŶŶŶĿŦŶďŶŶĸŶŶĸŶĸŶĬŊĸŶ#Ŷĸ#ŶĦ?ŶŶĸĬĸŶŶŶŶŶĿŦŶďŶŊŦŶĸŶĬĸŶĬŊĸŶŦŶĸŶĬŊĸ
��� F�d�`����`}Z�:�pwf99�`�C��`}99d���L��:�L�wp:p�p�:�L��d�:�9wJ��d�#�w�:�9wJYp�
CŶQJŶpk#pFdŶ#~J:ŶŶŶ9;Ŷ8L;ŶLŶL8L8L8LŶLŶL8LŶFŶdMŶ:Ŷ9wJŶŶdŶ#ŶMŶ:Ŷ9wJYpŶCŶcJŶŶYJFdŶ#~J:
���9;�8L;;L�L�L�L�L�L�L�L�F�dw?:�9wJ��d�#�w�:�9wJYp�C��#�$��L#�#p-��Fd�#~J:���9;�8L
;;L�L�L$L#L#L#L#L$F�d���L#�C��LE�wp:p�p�:�L��d�-�����#YJ��L�p���
```

�#YJ�d�#�YJ#Sp:�#p:Fd�#YJ#Sp:9k������###;~�Fd�#w�:�9�p��;8�#~�Fd�#w�:�9wJYp�C��cpY

```
#$\P$\P$\P$\P$\P$\P$\P$
9Ŷĭ#JŶpŶ`ŶX:ŶŶ#Ŷo:ŶFŶďŶJŶMoŶĸŶĸŶŶŶŶŶĿŊ;ŶŶŶ#C~Ŷ#Ŷo;,UŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶ
Ŵ#~ŶFdŶ#wŶ:Ŷ9wJYpŶCŶŶĊJŶŶYJŶŶJ:Ŷ9ŶŶ#owŶFŶďŶŶ~J:Ŷ|YJpŶ#ŶCŶŶ:
%d�#�Y���C����C-�-�#�;J�Fd�#M�;��JYp�C���#DJ��J;���#DM�Fd�#����#$?;U�
%EFd�#w�;����o$���;�#YJ�Fd�#w�;�����;�#YJ�F�d��-J;�VJ��;c?
0$J#d$#$Y$9$C$$9:JYI VJ$$:LC? LO$J#$Fd$#Y$9$C$$9~#p$#p$C$
Fd@#Y@9@C@@9@p:,@@VJ@@:Lc?@Fd@#w@:@9wJYp@C@@cJ@@YJ@@J:@9@@#pw@F@d@@~J:@|
YJp�#�C��8#d�#�Y�9�C��9�C-�-�#�:J�9#�-�CFd�#w�:�9wJYp�C���#DJ��J :�9��#pw�Fd�#���H�
?;
U�
%EFd$#\$:$9$$p$$$$:$#YJ$Fd$#\$:$9$C$$:$#YJ$F$J$F$J$$P$J$$$Q$-E$\JX$d$#$Y$9$C$$9$C-$$\$#$9$:$
CFdŶ#wŶ:Ŷ9ŶŊŶŶ:#Ŷ#~ŶFŶd~JSŶLKŶ#Ŷ# pŶ::dŶ#ŶŶŊŶŶ
@p:L;;@#p:Fd@#YJ#Sp:@;@#p:L;@#p:L;@#p:L;@#p:F@d@@p\@K@#@# p@:;d@#@~JS@K@#@# p@:;F@
d�99�`��C��`}99ZpwLS��LY�L f�`�Y�d�`���J-���wJx��LW� N�������-p�YJ�N�;#8
ŁĿŶďŶ`ŶŶŶ`ŢŶ:Ŷĸĸſ99Ŷ`Ţ99ZĸĸĿŚŶŶĿŶŶĿŢŶ`ŶŶŶďŶŢŶŶŶŢŶŶŢĊŶĸŶĿĸŶ
NŶŶŶĠŶŶĠŶŶĠŶŢŶŢĸŶŊĸŶŶŶĠŶŶŶŶŶŶŢŶŢŊŶ;ŶĿŶĠŶĬ
QJ~&&JC&x&&`&Y&`}Z&:&pwf99&d&d&d&`&pwL&&J&&N&K&#@# p&:;&&d&`~L&&J&&N&&&
�#YJ�`�~J:L�C��N�w�:�9�p��;;�#~�Fw�:�9wJYp�C�1�x��F�#pJ�1�x��F�1�x��F�J:�9��#pw1�x�
�FF���#�?;U�%E��U�qd�`�����~�`��~J:�`�~�d�`~L��J��N���
�#YJ�`�~J:L�C��N�w�:���p��;;�#~�Fw�:�9wJYp�C�1�x��F�#pJ�1�x��F�1�x��F�J:�9��#pw1�x�
�FF���#�?;U�%E��`���1:k�-F`熥~�`��-J:�`�-�ơ�`~L��J��N���
Ŷ#YJŶ`Ŷ~J:LŶĊŶŶŊŶĸŶ:ŶŶŶŊŶŶ;;Ŷ#~ŶFĸŶ:ŶŶĸJYpŶĊŶ1ŶxŶŶFŶ#pJŶ1ŶxŶŶFŶ1ŶxŶŶFŶJ:ŶŶŶŶ#pĸ1ŶxŶ
ŶFFŶŶŶ#Ŷ?;UŶ%EŶŶUŶ#LŶŶſŶ##ŶŏŶĽŶŶŶĸ;SŶďŶ`ŶŶŶĬĬ~Ŷ`ŶŶ~J;Ŷ`Ŷ~ŶďŶ`~LŶŶJŶŶŊŶŶŶ
$\text{$\psi$}\cdot\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi\rightarrow\psi\rightarrow\psi\rightarrow\psi\rightarrow\psi\rightarrow\psi\rightarrow\psi\rightarrow\psi\rightarrow\psi\rightarrow\psi\rightarrow\psi\rightarrow\psi\rightarrow\psi\rightarrow\psi\rightarrow\psi\rightarrow\psi\rightarrow\psi\rightarrow\psi\rightarrow\psi\rightarrow\psi\rightarrow\psi\rightarrow\psi\rightarrow\psi\rightarrow\psi\rightarrow\psi\rightarrow\psi
�FF���#�?;U�%E��`����1:k�~F`熥~�`��-J:�`�~�d�`�pw�d�`~L��J��N���
�#YJ�`K�`�~J:L�C��N���:������::�#-�Fw�:��wJYp�C�1�x��FOJ�pk#p1�x��F�1�x��F�J:����#p
W1�X��FF���#�?;U�%E����KE�L���:�C#�`��-�ME-�`��-J:�`�K�`�-�M�`-L��J��N���
�#YJ�`�~J:L�C��N�w�:�9�p��;;�#~�Fw�:�9wJYp�C�1�x��F0J�pk#p1�x��F�1�x��F�J:�9��#pw1�
X��FF���#�?;U�%E��Qp�CL�J:JS�#`��-���-�:�`�-�:�`�-�d�`~L��J��N���
�#YJ�`�~J:L�C��N���:�9�p��;;�#~�Fw�:�9wJYp�C�1�x��F0J�pk#p1�x��F�1�x��F�J:�9��#pw1�
X��FF���#�?;U�%E��Op�CL�wL��:�L�J#, `��-�牐-� `��-J :� `�-�d� `~L��J��N���
�#YJ�`�-J;L�C��N�w�;�����;:�#-�Fw�;��wJYp�C�I�x��FOJ�pk#p1�x��F�I�x��F�J;����#w1�
X��FF���#�?;U�%E��%#;L�JX#��L#�#��`��-�Ĭ�~�`��-J:�`�-�d�`~L��J��N���
�#YJ�`�~J:L�C��N�w�:�9�p��;;�#~�Fw�:�9wJYp�C�1�x��F0J�pk#p1�x��F�1�x��F�J:�9��#pw1�
X��FF���#�?;U�%E����:�L�J#,�L��L�H8�`����ĬE~�`��~J:�`�~���`~L��J��N���
�#YJ�`�~J:L�C��N���:�9�p��;;�#~�Fw�:�9wJYp�C�1�x��F0J�pk#p1�x��F�1�x��F�J:�9��#pw1�
```

��L��YJ:���#pw�F�d�J��p:,�L�-J:���#C-�#�p:,d�#�Y���C��9-#p�#p�C�

◆#YJ�`p�`�-J:L�C��N�ሎ�:�9�p��;;�#-�Fw�:�9ωJYp�C�1�x��FQJ�pk#p1�x��F�1�x��F�J:�9��#p w1�x��FF���#�?;U�%E��`JL�#�ՠN�YJp�J�Y�p:�C#�Y�:�-J#,��#\$��`�-J:L�C��N�����#� J�Y�p:�C#�Y�:�-J#,��#\$`��-J:�`�J�`��-�∫텔-�`��-J:�`�p�`�-�d�`-L��J��N��� �#YJ�`�-J:L�C��N�ሎ̂:�9�p�

X��FF���#�?;U�%E��H��# L��#9��;#`����Ĭa~�`��-J:�`�-�d�`~L��J��N���

```
Ŵ#~ŶFWŶ;Ŷ9wJYpŶĊŶ1ŶxŶŶFOJŶpk#p1ŶxŶŶFŶĬŶxŶŶFŶJ:Ŷ9ŶŶ#pw1ŶxŶŶFFŶŶŶĦŶ?;UŶ
%E��`���1:k�~F`熥~�`��~J:�`�~�d�`~L��J��N���
�#YJ�`�-J:L�C��N�w�:�����;;�#-�Fw�:�9wJYp�C�1�x��F0J�pk#p1�x��F�1�x��F�J:�9��#pu1�
X��FF���#�?;U�%E��`pYSLk�#��#N�#�L�p�N�;&ŁL��pS��N�;&ŁLp�N���####�p;#8
�L�#�N��ŋ�pYJ$�##;�#~$�#;E8E|EU�U��V#|�#�LJ�N�Up:J�L�p�CL��$�L�098��`�����
~$`$$~J:$`$~$d$`$$ph$d$`~L$$J$$N$$$
$\text{$\psi$}\cdot\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi\rightarrow\psi\rightarrow\psi\rightarrow\psi\rightarrow\psi\rightarrow\psi\rightarrow\psi\rightarrow\psi\rightarrow\psi\rightarrow\psi\rightarrow\psi\rightarrow\psi\rightarrow\psi\rightarrow\psi\rightarrow\psi\rightarrow\psi\rightarrow\psi\rightarrow\psi\rightarrow\psi\rightarrow\psi\rightarrow\psi\rightarrow\psi\rightarrow\psi\rightarrow\psi\rightarrow\psi\rightarrow\psi
�FF���#�?:U�%E��`���1:k�~F`熥
V�O�EUL;�#~�F~J��p:S���#-�L#p:L#p:L#p:���d�`~L��J��N���
�#YJ�`K�`�-J:L�C��N�M:�9�p��;#�#-�FM$:�9MJYp�C�1�X��FGJ��YJ1�X��F�1�X��F�J:�9��#W
1�X��F��U#�Y�`��-J:�`�K�`�-J:L�C��N�M�:�9�p��;#�#-�FM�:�9WJYp�C�1�X��FcJ��YJ1�X��F
$1$X$$F$J:$9$$#pw1$X$$F$$L#$$J-$$XYJ:$L#J#$$$LZ`JL$#$wN$YJp$J#$$$$A:$wp#?
%L;8�;#Lə`k#�d�`k�c��`�k�LQJ�J���L
d�`k�#xk#l@`�k�L#xk9O�YYp���L���p:SL9L+x:�L
%L�L�~YL9LUp#�L��Yp;p�#J�p�;L9L�#�~����L���;�J`��-�酺
~Ŷ`ŶŶ~J:Ŷ`Ŷ~ŶďŶ`ŶŶſĸŶďŶ`ŶŶſĸŶďŶ`~LŶŶJŶŶŊŶŶŶ
                                                                                               �#YJ�`���1:k�~F`熥
~Ŷ`Ŷ~ŶďŶ`ŶďŴŶďŶ`~LŶŶJŶŶŇŶŶŶ Ŷ#YJŶ#ŶŶŶL pŶŶŶŶ`ŶŶŶŒ
~Ŷ`Ŷ~ŶďŶ`ŶŶſĸŶďŶ`ŶŶĸĸĿſŶŊŶŶ~ŶŶŢſŶ#pS;ŢŶx#?ďŶ`~ĿŶŶŢŶŶŊŶŶŶŶŶ#ŢŢŶ`ŶŶ~Ŷ1;kŶ~F`ſĬĨ~Ŷ`Ŷ~
�#YJ�#�#�LJ#�L�x#L~#�~���L�S�:�JLp��Y�`����
~�`�-�d�`��d�`�pwLp�N��-��Jp�#pS:J�x#? d�`~L��J��N��� ◆#YJ�`��-�1:k�-F`熥~�`�~
�d�`��d�`�pwlp�N��~��Jp�#pS:J�x#?d�`~L��J��N���
Ŷ#YJŶ:ŶĿĿŊ#ŶĿŶŶĴ#ŶŶĸŶſĠŶĸŶĸŶĸŶĿĹŶŶĿŶĿŶĿŶĿŶĸŶĿŊ~ŢŶŶĿĸŶŶŶĿŶŶŶĸŶŶĸŶŶĸŶŊŶĿĸĸŶŶĸ
ŶĿĸĸŶĿ#JŶŶŶ#ĿŶŶ#Ŷĸ$ŶĿŶŗġĿĹŶŶĴŶŗ:ŚŶĿŶŗŶŶĿŶŴŶŶŶŧŶĿĸŶŗ:SĿ~#Ŷ~Ŷ#ŶĊĿŶĴŶĿŚĸĴ#Ĵ:ŶŶŶŶŶĿ
~�`�-�d�`��pw�d�`�pwLp�n��-��Jp�#pS:J�x#? d�`~L��J����� �#YJ�`��-�1:k�-F`熥~�`�-
�d�`��n�d�`�pwLp�N��-��Jp�#pS:J�x#?d�`~L��J��N���
Ŷ#YJŶ`ŶŶŶ1:kŶ-F`熥~Ŷ`ŶŶĠŶ`ŶŶĠŴĠŶ`ŶœWĿŗŶŊŶŶ-ŶŶJĸŶĦoS;JŶx#?dŶ`~ĿŶŶJŶŶŊŶŶŶ
            Ŷ#YJŶLUp#ŶLVŶJ#ŶŶLŶŶſŎŶĸŶĸŶ:ĹŶŶŁ;ŶĿŶ:SŶ#L#Ŷ-ŶJŶŶLUp#ŶL#ŶJŶĸŶ:Ŀ%
%L�p��LJL:��L�J#S�#LwJ�p�p�CLJ:�L�xK���x�:�L�p�x����:�-#�-��J�L���L+x:�LUp#�LV�J
$\frac{1}{2}\d\partial \cdot\partial \cdot\p
Ŷ#YJŶîLEpŶ#pŶŶŶĿŶŶpŶĸŶ:ĿŶŶĿŶŶĸŶĸŶŊĬŶŶĊĿŶŶĿĦ÷ŶĿUp#ŶĿ#ŶĬŶpŶ÷ŶĿŶŶĿĬĿŶxĸŶpŶĿIJŶpŶpŶĊĿ
◆#YJ◆`◆◆◆1:k◆-F`熥~◆`◆-◆d◆`◆◆pwod◆`◆pwLp◆N◆◆-◆◆Jp◆#pS:J◆x#?d◆`~L◆◆J◆◆N◆◆◆
Ŷ#YJŶKLKŶ#,LŶŶŶŶJĸŶ#JŶpWŶŶĊĿŶŶĿ~x#ŶxŶĿJĿ#Ŷp:ŶĿ~ŶŶpŶŶĿJ:ŶĿwp#ŶĿwJŶpŶpŶĊĿJŶ:SĿŶpŶŶĿJ:
L�Y�#$�:�CL�-�#J�p�:�L��:��#L�p��$LUJ��K��,�Lp:L�#LJ#�x:�L#JYp�:L0�x#��`��-���-�
�d�`��pw�d�`�pwLp�N��-��Jp�#pS:J�x#?d�`~L��J��N�����#YJ�`��-�1:k�-F`熥
~Ŷ`Ŷ~ŶďŶ`ŶŶĸĸŶďŶ`ŶĸĸĿŗŶŊŶŶ~ŶŶĴĸŶ#ĸS;ĴŶx#?ďŶ`~ĿŶŶĴŶŶŊŶŶŶŶŶŶŶŶŶŶŶ
```

oL��:��J�LJ:�Lx-�J�p:SL�wL����L|Y�#S�:�CL#�#wp���L�S#��Y�:�L�p��L����LQp�C`��-�熥-�`

�#YJ�`���1:k�~F`熥~�`�~

%ŶLC#JwwpŶLJ:ŶLŶ#J:�~Ŷ#ŶJŶpŶ:Lp��x�Ŷ`���随

�d�`��dw�d�`�dwLp�N��~��Jp�#pS:J�x#?d�`~L��J��N�����#YJ�

```
~�`�-�d��#Z#0}#yH#######*`��pW�d�`�pWLp�N��-��Jp�#pS:J�x#?d�`~L��J��N���
                      Ŷ#YJŶ`ŶŶŶŶ1;kŶ~F`ĬſĬ~Ŷ`Ŷ~ŶďŶ`ŶŶĸŴŶďŶ`ŶĸWĿĸŶŊŶŶ~ŶŶJĸŶ#ĸS;JŶx#?ďŶ`~ĿŶŶJŶŶŊŶŶŶ
                      �#YJ��#���`���MĒ~�`�~�d�`��d����DMLp�N��~��Jp�#pS:J�x#?d�`~L��J��N���
                      ◆#YJ�`���1:k�-F`熥~�`�-�d�`��pw�d�`�pwLp�N��-��Jp�#pS:J�x#? d�`~L��J��N���
                      ◆#YJ�`���1:k�-F`熥-�`�-�d�`��d�`�pwLp�N��-��Jp�#pS:J�x#?d�`~L��J��N���
                      ◆#YJ�L�C��N�YJ#Sp:9k������$;80#~�����J:,LC�x`��-�熥~�`�-�ơゆ`�Jk��L��J��N���
  Ŷ#YJŶċJĸŶŶĿĸŶ#ŶŶ#ŇŶ#ŶŁŶŶŶŶŶŶŶŊċSNŶ#ŶĿŶŶŶŶŶŊĠĸŊŊĸĠĸŶĸŶĸŶĸŶĸŶĸŶĸŶĸŶĸŶĸŶĸŶĸ
  ~ŶFkŶ#ŶŶ#Ŷ:Ŷ:ŶFkŶ#ŶŶ#9#pSŶŶŶŶŶŶ\ŶLŶp:Ŷ‡?
  Ŷ#YJŶ`pYSLĸŶ#ŶŶ#NŶ#ŶĿŶpŶŊŶ;Ŷ8ŶĿŶŶĸŶ$ŶŇŶ;#ĔĿpŶŊŶŶĸŶŶ
  ##8#�;�L�#�N��p�pYJS�##;�Spw�#;QU��|E������\#�LJ�N�E��#D-Ōp�:�LY�:�wb#�#��J�
  1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F
  F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-
  ~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�
  �~F1:k�~F1:k�~F`���熥~�`�~�d�`��d�`�������$LWJ�pS:N����L�C��N��p�;î
  ~$F~J$$p:S$#p:L$;p:L#p:L$;p:$$d$`~L$$J$$N$$$
                      �#YJ�`k�#J#���L#��J-��XYJ:`�k�`�����~�`�-�d�`~L��J��N���
                      �#YJ�`k�Up#�LQ�p�w`�k�`���熥~�`�-�d�`~L��J��N���
  Ŷ#YJŶŶ:ŶLŶJ#, LUp#ŶLŶ#ŶŶpŶ; LEpŶ#pŶŶ1; kŶ~FL#1; kŶ~F1; kŶ~F`JLŶ#ŶMŶŶ9J~~ŶŶ9ŶJŶJŶŶŶŶ#
  ���#�#��;%#L�p�����ֈ����1:k�-FL#1:k�-FL��:�L�J#,�L�1:k�-FL �#8�`�J�`�����.
  �~ŶdŶ`~LŶŶJŶŶŇŶŶŶŶ#YJŶ`Ŷ~J:LŶĊŶŶŇŶŶŶŶŀŶĸŶJŶ,ŶŶ`JLŶ#ŶĸŇŶŶŶŶHŶŶ#Ŷ8#Ŷ9ŶŶ8
  ZÛH��# L�����`�J�1:k�-F#1:k�-F1:k�-F`JL�#�M������� �8#���9;8 ��H��# L���9;8
    `���1; k�~FU��`��~J;�`���随~�`�~�d�`~L��J��N���
                      Ŷ#YJŶ`Ŷ~J:LŶĊŶŇŶŶŶĤŔĸŶJŶ,ŶŶĬĿŶ#ŶĸŇŶYJPŶJ#ŶŶŶŶŶŒĸŶĸŊ##SŶŶŶJ#ŶŶŶŶſĸŶĸŊ#
  #$`�J�1:k�~F#1:k�~F1:k�~F`JL�#�wN��������Nh�:�wp##$ 炻��NiY�:�wp#?
  #S`�J�`��~J:�`���熥~�`�~�d�`~L��J��N���
  �#YJ�`k�`p��p��p�:L#�J��Y�:��`�p�`�k�`p�1:k�-F`k�c�L~#�� LJ:�L~#���#W�L�pw�LJ:�L~#
  �~�#�CLw#�YL���LŊY~J��L�wLwp#��L�p�J���#�Lp:#x#CLJ:�Lp��:���`�k�`���`���
  ~Ŷ`Ŷ~ŶſŶ`ŶŶſŊŶ`Ŷ#ŶſŶ`ŶĸŶŶſŶſŶŶŶŢĸŶŶſŶ`~|ŶŶŢŶŶŊŶŶ
                                                                                                                                                                                       ②#Y.J②1:k②~F`②②•②頒
  ~Ŷ`Ŷ~ŶďŶ`ŶŶĸŀŴďŶ`ŶĸŀŴďŶ`~ĿŶŶĴŶŶŊŶŶĬĠŧŧŢĴŶĿŶĊŶŶŊŶſJ#Sp;9kŶŶŶŶŶŶ;8Ŷ#~ŶŶŶ`k#Ŷď
: L+x:L��L8#;%$LJ�L;#$NLö�L#$$J-$$XYJ:$L#J#$$$L1$F`JL$#$M\$YJp$J#$$$$M:$\p\p#
  #$���J#�������:�wo#?#$`�J�1$�FL�#���`���
  ~Ŷ`Ŷ~ŶďŶ`ŶŶŊĸŶďŶ`KŶ,ŶXŶŶŶĹŶĊŶŶŇŶYJ#Sp:9ŶŶ~ŶK#~ŶFYJ#Sp:9KŶŶŶŶŶĸŶĸ#~ŶŶŶďŶ`ŶŊĸŶďŶ`ŶŊĸŶď
                                                              $#YJ$#$$$L p$$$$`$$
  ~�`�-�d�`��pw�d�`�pwLp�n��-��Jp�#pS:J�x#? d�`~L��J����� �#YJ�`��-�1:k�-F`熥~�`�-
  �#YJ����L��J�L��H
LJ:�L��L���L���L���H
LJ:�L���L����L���H
LJ:�L���L���H
LJ:�L���L���H
LJ:�L���L���H
LJ:�L���H
LJ:�L��H
LJ:�L��H</p
   `�-�d�`��dw�d�`�dwLp�N��-��Jp�#pS;J�x#?d�`~L��J��N���
                                                                                                                                                                                                            �#YJ�`���1:k�~F`熥~�`�~
  �d�`��๗�d�`�ɒwLp�N��-��Jp�#ps;J�x#?d�`~L��J��N�����#YJ�`��-�1;k�-F`∭
  ~$`$~$d$`$$pM$d$`$pMLp$N$$~~$$Jp$#pS:J$x#?d$`~L$$J$$N$$$
                      �#YJ�L�C��N�YJ#Sp:9k������;8�#~����J:,LCpx`��-�熥~�`�-�d�`�Jk��L��J��N���
  Ŷ#YJŶċJĸŶŶĿĸŶ#ŶŶ#ŇŶ#ŶĿŶŶŶŶŶĸĴŶp:SNŶ#ŶĿŶŶŶĸĴŶŶp:SNŶ#ŶĿŶĊŶŶŊŶĸŶ#ŶŶ#ŶŶŶŶĴŶĨŶĨŶ
  ~ŶFkŶ#ŶŶ#Ŷ:Ŷ:ŶFkŶ#ŶŶ#9#pSŶŶŶŶŶŶ$LŶp:Ŷ‡?
  �#YJ�`pYSLk�#��#N�#�L�p�N�;�8�L��pS��N�;#ÈLp�N���####�p;#8
  1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�*F1:k�*F1:k�*F1:k�*F1:k�*F1:k�*F1:k�*F1:k�*F1:k�*F1:k�*F
  F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�
  ~F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�
```

```
~�F~J��p:S�#p:L�;p:L#p:L�;p:��d�`~L��J��N���
                 �#YJ�`k�#J#���L#��J-��XYJ:`�k�`�����~�`�-�d�`~L��J��N���
                 ◆#YJ�`k�Up#�LQ�p�w`�k�`�����~�`�~�d�`~L��J��N���
$\phi\rangle \phi\rangle \phi\
���#�#��;%#L�ɒ�����������1:k�-FL#1:k�-FL��:�L�J#,�L�1:k�-FL �#8�`�J�`������-�`
�~�d�`~L��J��N����#YJ�`�~J:L����N���������`JL�#�wN����H��# �8#₽9��8
ZŴHŶŶ# ĽŶŶŶŶŶŶŶŶŶĴŶ1;KŶ~F#1;KŶ~F`JĽŶ#ŶĸŊŶŶŶŶHŶŶ#Ŷ8Ŷ9;8 ŶŶHŶŶ# ĽŶ8Ŷ9;8
 `�J�1:k�~FU��`��~J:�`������~�`�~�d�`~L��J��N���
                 Ŷ#YJŶ`Ŷ~J:LŶĊŶŇŶŶŶŔŔĸŶŊŶĸŶŊŶŢŶŶŊĿŶ#ŶĸŊŶYJpŶJ#ŶŶŶŶŶŒŶŴŒ#$ŶŶŶJ#ŶŶŶŶĸŶ;Ŷwp#?
#$`�J�1:k�-F#1:k�-F1:k�-F`JL�#�wN�������Nh�:�wp##$ 焜��NjY�:�wp#?
#S`�J�`��~J:�`���熥~�`�~�d�`~L��J��N���
�~�#�CLw#�YL���LŊY~J��L�wLwp#��L�p�J���#�Lp:#x#CLJ:�Lp��:���`�k�`���`���
~Ŷ`Ŷ~ŶďŶ`ŶŶďŶ`Ŷ#ŶďŶ`ŶKŶŶĊŶďŶ`ŶJKŶŶďŶ`~LŶŶJŶŶŊŶŶŶ
                                                                                                                                                      �#YJ�1:k�~F`��•�熥
~\hat{\phi} \hat{\phi} - \hat{\phi} d\hat{\phi} d\h
ŶŶNŶŶŶ
                                 Ŷ#YJŶĿŶĊŶŶŊŶYJ#Sp:9kŶŶŶŶŶŶ;8Ŷ#~ŶŶŶ`k#Ŷd:L+x:ĿŶŶĿ8#;
%ŶĹJŶĹ;#ŶŶ8ĹӚŶĹQJŶJŶŶŶĹ
p����L1�F`JL�#�wN�YJp�:�J�J��N�:�-J#,��#S��:�J�J����-J#,��#S`�J�1S�FL�#���`���
熥
<del>~Ŷ`Ŷ~ŶďŶ`ŶŶĸ</del>ŴŶĠŶ`ĸŶŗŶxŶŶŶĿŶĊŶŶŊŶŊ#Sp:9ŶŶ~Ŷĸ#~ŶFYJ#Sp:9kŶŶŶŶŊŶĸ#~ŶŶŶĠŶŶŊŴŶĠŶ`~ĿŶŶĴ
*#YJ* `JL: JY*N*$*$*$0*$Y**$
  Ŷ~J:LŶCŶŶŊŶĸŶŶŶŶŖŶĸŢŶŀŢŶŀŢŶĸŶĬŶŶŊĬŶŖŶĊŶĬŶĸŶŶŦŶŀŖĴŶĬŶĸŶŶŦŶĬŶĸŶŶŦŶĴĬŶŶŶŶŀŢĸĬŶĸŶŶŦŦŶ
��#�?;U�%E��#pLO�p�wL#�J~��xYJ:�d�`��-J:�`�J�`��-�jii-�`�-�d�`~L��J��N���
�#YJ�`�~J:L�C��N�w�:���p��;;�#~�Fw�:�9wJYp�C�1�x��F�#pJ�1�x��F�1�x��F�J:�9��#pw1�x�
�FF���#�?;U�%E��1;k�~F`��~J:�`��-���~�`�~���`~L��J��N���
�#YJ�`�~J:L�C��N�w�:�9�p��;;�#~�Fw�:�9wJYp�C�1�x��F�#pJ�1�x��F�1�x��F�J:�9��#pw1�x�
ŶFFŶŶŶ#Ŷ?:UŶ
%E��#���LY�#:p:S�1:k�~FL�Ldžx��L�p,�L��L-��J��L��:wp#YL���LUp#�LEp�#p��LJ:�L��:�L�J
#,L�xk��YYp����LY��p:SLp�L��p�L���:���O$LK��;���$LJ�L�-YLJ�LC�x#L�wwp���`��-J:�`��-Ø瀟~
�`�-�d�`~L��J��N���
$\text{$\psi$}\cdot\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi$\rightarrow\psi\rightarrow\psi\rightarrow\psi\rightarrow\psi\rightarrow\psi\rightarrow\psi\rightarrow\psi\rightarrow\psi\rightarrow\psi\rightarrow\psi\rightarrow\psi\rightarrow\psi\rightarrow\psi\rightarrow\psi\rightarrow\psi\rightarrow\psi\rightarrow\psi\rightarrow\psi\rightarrow\psi\rightarrow\psi\rightarrow\psi\rightarrow\psi\rightarrow\psi\rightarrow\psi\rightarrow\psi\rightarrow\psi
�FF���#�?;U�%E��1:k�~F`��~J:�`������~���~�\�~�\�~�\��\~L��J��N���
�#YJ�`�~J:L�C��N�w�:�9�p��;;�#~�Fw�:�9wJYp�C�1�x��F�#pJ�1�x��F�1�x��F�J:�9��#pw1�x�
�#YJ�`�~J:L�C��N�w�:�9�p��;;�#~�Fw�:�9wJYp�C�1�x��F�#pJ�1�x��F�1�x��F�J:�9��#pw1�x�
�FF���#�?;U�%E��1:k�-F`��-J:�`��-���~�`�-�d�`�pw�d�`-L��J��N���
�#YJ�`�~J:L�C��N���:������;;�#~�Fw�:�9wJYp�C�1�x��F#$9$�L#�#p~�1�x��F�1�x��F�J:�9�
*#pw1*$x*$*$FF*$*$*$*$?;U*$%E*$
                                                                                   p����LOJ�J��`��-J:�`���熥-�`�-�d�`~L��J��N���
                 �#YJ�`�~J:L�C��N���:�����
%E��Qp�CL�wL��:�L�J#, `��-J:�`���熥-�`�-�d�`~L��J��N���
                 �#YJ�`�~J:L�C��N���:�9����
Ŵ~ŴFWŴ;Ŵ9WJYpŴCŴ1ŴxŴŴFŴ#DJŴ1ŴxŴŴFŴ1ŴxŴŴFŴJ;Ŵ9ŴŴ#DW1ŴxŴŴFFŴŴ#Ŵ?;UŴ
%E�����:�1:k�-FL��#9��#9��;;`��-J:�`�������—�`�-�d�`-L��J��N���
                 �#YJ�`�~]:L�C��N���:�9����
Q~ŶFWŶ:Ŷ9WJYpŶCŶ1ŶXŶŶFŶ#ŊŶ1ŶXŶŶFŶ1ŶXŶŶFŶJ:Ŷ9ŶŶ#DW1ŶXŶŶFFŶŶŶ#Ŷ?;UŶ%EŶŶ|
YJp�d�`��-J:�`JL�#�wN�YJp�:�J�J��V�;�-J#,��H$��`�-J:L�C��Nŵw�:�����
```

```
Ŵ~ŶFWŶ:ŶŶŊŢŊŶĊŶſŶĸŶŶFŶ#ijŶſŶĸŶŶFŶſŶĸŶŶŶŶŶijŶŶŶĸŶĬŶĸŶŶŶĸĸſŶĸŶŶŦŶŶ:ŶĴŶĴŶŶŶŶ;ŶĸŊŧŗŶŶ#ſ`ŶŶĸ
$\hat{\phi}_j\hat{\phi}_j: L\hat{\phi}_C\hat{\phi}_\hat{\phi}_N\hat{\phi}_N\hat{\phi}_N\hat{\phi}_1\hat{\phi}_2\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\hat{\phi}_0\ha
Q~ŶFWŶ:Ŷ9WJYp�CŶ1ŶxŶŶFŶ#DJŶ1ŶxŶŶFŶ1ŶxŶŶFŶJ:Ŷ9ŶŶ#pw1ŶxŶŶFFŶŶŶ#Ŷ?;UŶ
%E��d�`��~J:�`���熥~�`�~�d�`��pw�d�`~L��J��N���
�#YJ�`�~J:L�C��N�w�:�9�p��;;�#~�Fw�:�9wJYp�C�1�x��F�#pJ�1�x��F�1�x��F�J:�9��#pw1�x�
�FF����#�?:U�%E��1:k�~F`��~J:�`��◆頌
~Ŷ`Ŷ~ŶďŶ`ŶŊŴŶďŶ`ŶŊĸĹŶĊŶŶŊŶĸŶ#ŶŶ#Ŷ`Ŷ`ŶFĸŶ#ŶŶ#ŶŶŶŶŶŶŊŶĿ?|;|;|;L;Ŷ#~ŶF~JŶŶŊ:SŶŶŶ#~ŶĿ#
p:L#p:L#p:��d�`~L��J��N���
Ŷ#YJŶ`ĸŶ`Ŷ~J:LŶĊŶŶŊŶĸŶ;Ŷ9ŶĸŶŶ;;Ŷ#~ŶFĸŶ;Ŷ9ĸJYpŶĊŶſŶxŶŶFOJŶĸĸĦſŶxŶŶFŶſŶxŶŶFŶJ;Ŷ9ŶŶ#o
w1�x��F��U#�Y�`��-J:�`�K�`�-J:L�C��N�w�:�9�p��;;�#-�Fw�:�9wJYp�C�1�x��FQJ�pk#p1�x��
FŶ1ŶXŶŶFŶJ:ŶŶŶ#ĸĸſŶXŶŶFŶŶĿ#ŶŶJ-ŶŶXYJ:ŶĿ#J#ŶŶŶŁZ`JĿŶ#ŶĸŇŶYJpŶJ#ŶŶŶŶŶ;Ŷĸo#?
#$��YJp�J#�����:�wo#:#$`�J�Fd�`k#�d�`k�#�:��`�k�Lc�x#��JC�L�JCL;��L8#;
%L:�ŌLƏ`k#�d�`k�c��`�k�LDJ�LOJ#�:L1�F`JL�#�M�YJD�J���J��J��Y£�:�Y���J���J���J��
ZZ:�`�J�1S�FFL���:�C#��L���KLL�F`JL�#�wNŶYJp�J�Y�p:�C#ŶY�:�~J#,��#$��J�Y�p:�C#�Y�:
Ŷ~J#,��#S`�J�1S�FFLQJ�J���d�L
p����L1�F`JL�#�wN�YJp�:�J�J��N�:�-J#,��#S��:�J�J��N�:�-J#,��#S`�J�1S�FFL+�:��:�L��K
.
�#�L1�F`JL�#�wN�YJp�+�:��:��:�-J#,��#S���+�:��:��:��#^\'�#ML#######�~J#,��#S`�J�1S
ŶF`k#ŶďŶ`ĸŶŎŶŶ`ŶĸŶĿŶJ:Ŷ:ŶĿŶŶĿĨŶF`JĿŶ#ŶĸŇŶYJpŶ#ŶĸŶ#ŶpŶYŶ:Ŷwp#;#SŶŶ#ŶĸŶ#ŶpŶYŶ:Ŷwp#;
#$`�J�1$$FFL0J#~�:��#$L���#L1$F`JL$#$wN$YJp�~$J#~$:��#$$$:$Uo#:
#$��-�J#-�:��#���:�Uo#:#$`�J�1$�FFL+J�,�:�L�J����:L1�F`JL�#�wN�YJp�,#J�,�:���:�Uo#
?#$��,#J�,�:���:�Up#;#$`�J�1$�FFd�L#p�����,�L+�:L1�F`JL�#�wN�YJp�#�:��N�:�wp#?
#$��#�:����:�wp#:#$`�J�1$�FFLcpYLQ#�Yp:L1�F`JL�#�wN�YJp�#�Yp:�Y�C�#�:JW?
ŶŶŶŶŶ#ŶŊ:ŶŶŶĊŶ#Ŷ:JW?ŶY`ŶJŶ1SŶFFL#ŶŶ~ŶJ:pŶLEŶLŶ:Ŷ¤MŶ#ŶŶL1ŶF`JLŶ#ŶĸNŶYJpŶ#ŶŶŶJ:p?:
ŶŶĬŶĬŶĬŶŦŖŶŦŦŶĹĦŶŶĬŶŶŢŶŶŊŢŶĹĦĬĦŶŶŶĹĬŶŦĬĹŶĦŶĸŊŶŶĬĎŶĬĦŶŶŶŶŶŶŶĸŊĸŖĦŚŶŶŶĬĦŶŶŶŶŶŶĸŊĸŖ
#$`�J�1$�F`k#�d�`k�#xk#I@`�k�L��L#xk9Q�YYp����L���p:SL9L+x:�L
%L�LŶ~YL9LUp#�L��Yp:p�#J�p�:`��~J:�`��-�:@`��-�:�`��d�`��d�`��d�`��d��d�`~L��J��N���
                   ~�`�-�d�`��d�`�owLp�N��-��Jp�#oS;J�x#? d�`~L��J��N��� �#YJ�1;k�~F`���∰-�`�~
�#YJ�0�## p�:L9L1�x��F:���:S�#L`k�~x#�xp:S`�k�L���L#��x��L����,LC�x#LJ~~#�wJ�Lw�
�#YJ�1:k�~F9L��p#�L���xY:L��:�`��◆熥
~�`�-�d�`��d�`�owLp�n��-��Jp�#pS;J�x#?d�`~L��J��n��� �#YJ�1;k�~F`��-�牐~�`�~
$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}\text{$\frac{1}\text{$\frac{1}\text{$\frac{1}\text{$\frac{1}\text{$\frac{1}\te
                   - �#Y,J�1: k�~F`���悄~� `�~�d� `��d�����`�ơM p�N��~��Jp�#nS: J�x#?
d�`~L��J��N���
                                                        ◆#YJ�c�J;,LC�x`���嫡~�`��d�`��d�`��d�`��MLp�N��—��Jp�#pS;J�x#?
                                                        d�`~L��J��N���
Ŷ#YJŶċJĸŶŶĿĸŶ#ŶŶ#ŇŶ#ŶĿŶŶŶŶŶĸĴŶŊ:SNŶ#ŶĿŶŶŶŶĸĴŶŶŊ:SNŶ#ŶĿŶĊŶŶŊŶĸŶ#ŶŶ#ŶŶ#ŶŶŶſŶŶĬŶŶŶ
~ŶFĸŶ#ŶŶ#Ŷ:Ŷ:ŶFĸŶ#ŶŶ#9#pSŶŶŶŶŶŶŶ\Ŷp:Ŷ±?
L; �#~�F~J��p:S�#p:L�;p:L#p:L�;p:��d�`~L��J��N���
�#YJ�`pYSLk�#��#N�#�L�p�N�;�8�L��p$��N�;#ËLp�N���####�p;#8%�L�#�N��p�pYJS�##;�Spw�#
: 0U��|E���00��\#�LJ�N�E��#D-�D�:�LY�:�WD#�#��J�
1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;kV-F1;kV-F1;kV-F1;kV-F1;kV-F1;kV-F1;kV-F1;kV-F1;kV-F1;kV-F1;kV-F1;kV-F1;kV-F1;kV-F1;kV-F1;kV-F1;kV-F1;kV-F1;kV-F1;kV-F1;kV-F1;kV-F1;kV-F1;kV-F1;kV-F1;kV-F1;kV-F1;kV-F1;kV-F
F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-
```

~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�

~ŶF~JŶŶp:SŶ#p:LŶ;p:L#p:LŶ;p:ŶŶďŶ`~LŶŶJŶŶNŶŶŶ

�#YJ��:�L�J#,LUp#�L�#��p�:LEp�#p��1:k�-FL#1:k�-F1:k�-F`JL�#�wN��9J~-��9�J�J9���# �~�d�`~L��J��N����#YJ�`�~J:L����N����#\$K�J�,��`JL�#�wN����H��#_�8#₽9��8 ZÛH��#_L�9��8�`�J�1:k�~F#1:k�~F1:k�~F`JL�#�wN����H��#_�8#�8�9;8 ��H��#_L�8�9;8 `�J�1:k�~FU��`��~J:�`���熥~�`�~�d�`~L��J��N��� Ŷ#YJŶ`Ŷ~J;LŶĊŶŶŇŶŶŶŶŔĸŶĬŶĸŶĬŶŶĬĿŶ#ŶĸŇŶYJPŶJ#ŶŶŶŶŶŶŒĸŴ##SŶŶŶĴ#ŶŶŶĬĸŶĸſĸſ# #\$`�J�1;k�-F#1;k�-F1;k�-F`JL�#�wN�������Nh�:�wɒ#;#\$ 炷��NiY�;�wɒ#? #S`�J�`��-J:�`���随~�`�-�d�`~L��J��N��� �#YJ�`K�`p��p��o�:L#�J��Y�:��`�p�`�K�`p�1:K�-F`K�c�L~#�� LJ:�L~#���#W�L�pw�LJ:�L~# �~�#�CLw#�YL���Loy~J���wLwp#��L�o�J��#�Lp;#x#CLJ;�Lp��;���������������� ~Ŷ`Ŷ~ŶďŶ`ŶŶďŶ`Ŷ#ŶďŶ`ŶĸŶŶĊŶďŶ`ŶIJĸŶŶďŶ`~ĹŶŶĴŶŶŊŶŶŶ **�**#YJ�1: k�~F`��•娇 ~Ŷ`Ŷ~ŶďŶ`ŶŶĸĸŶďŶ`ŶĸĸŶďŶ`~LŶŶJŶŶŊŶŶŴ#YJŶLŶĊŶŶŊŶŊ#Sp:9kŶŶŶŶŶ;8Ŷ#~ŶŶŶ`k#Ŷď :L�JCL;��L8#;%�LJ�L;��;Lə�L#��J-��xYJ:�L#J#���L1�F`JL�#�wN�YJp�J#����M�:�wp#? #\$**���J#������**:**�**wɒ#:#\$`**�**J�**1**\$**�**FL�#���`����� ~Ŷ`�~�d�`��d�`k�,�x���L�C��NŶYJ#Sp:9��~�K#~�FYJ#Sp:9k�����K#~���d�`��W�d�`��W�d �#YJ�Q�x:�p�L��Yk�#�LQJ#�:�L���J,pLJ:�L�J:JS�#L���:�C#�`��-�熥 ~�`�-�d�`��d�`�pwLp�N��-��Jp�#pS:J�x#?d�`~L��J��N��� ◆#YJ�1:k�~F`��-�熥~�`�~ �d�`����d�`�pwLp�N��-��Jp�#pS:J�x#?d�`~L��J��N�����HYJ�K�L�,Lw�#�J#�L��L�x#L:? ~Ŷ`Ŷ~ŶďŶ`ŶŶſĸŶďŶ`ŶſĸĽſŶŇŶŶ~ŶŶĬſŶ#S;JŶX#?ďŶ`~ĹŶŶĬŶŶŇŶŶŶ Ŷ#YJŶ1;kŶ~F`ŶŶ~ŶſĬ~Ŷ`Ŷ~ Ŷ#YJŶŶĸŶĴ;ŶŶŶĸŶŶĸŢŶĸŊŶĸŶĸŢŢŢŶŢĸĸĸŶŶĸŢŶĴ#ŶĸŶĸŢŶĸĸŶĸŢŶĸĸĸŶŶŶĸĸĸŶĸŶĸĸĸŶŶŶĸĸĸŶŶŶĸĸĸŶĸŶĸĸĸŶĸŶĸĸŶĸĸŶĸĸŶĸĸŶĸĸŶĸĸŶĸĸŶĸ CLŶwLŶŶŶLIJp#ŶLVŶJ#ŶLWŶŶŶŊĿĿWJWŶ#LŶwL:ŶĿŶ:SŶ#L~x#Ŷxp:SLŶŶŶL#ŶŶxŶŶLŶŶŁŶŶŶ,LCŶx#LJ~~ #�WJ�Lw�#LpY~J��Lw���`��#G#.`��#*�*�������\��\#\$\$; J�x#? dŶ`~| ��J��N��� • �#YJ��:|LJ��N�N�:�|��|�Jw�|J��|Z] ~~ŶŶĿĴŶŶĿŶĸĸŶ#ŶŶĿŶŶĿŶŶŶŶŶŶŶŶŶŶŶŶŶŶĿŢ;ŶĿŶĿŢ;ŶĿŶĿŢċŶĿ₽ %ŶĿKŶĿŶŶŶŶĿŶŶĿŶĸŶĸŶĸŶĸĴĿĦŶĸĸŶĿŶĿŶĸĸŴĦŶĿŶŶĿŶĦŶĴŶŶĿĴĿŶŶŶĦŚŶ;ŶĊĿŶŶĦĸſŶŶŶĸĸĴŶĸŶĸĊĿŶĦĿIJĸĦ �L#�J�p�:L���L�p��L���L���L���L���L���L���L�;�L�J����.;\$\L\���p:S�`��-���-Ŷ#YJŶŶŶŶŶĹŶĸĿŶŶŶŶŶĿŊŶŶŶŶĿŊŧŶĿpŧŶŶŶŶĿpŧŶx#ĿUp#ŶĿŶĬŧŶĿŶĴĿŢŶĿŢŶŢŶŢŶŶŶŶĿŶĴŶŶŶŶĿŶĸ#Ŀ �cl�`�ch�cl�`�chulp�N��-��Jp�#pS:J�x#? d�`~L��J��N����#YJ�Up#�L�J#�J�L+�:L+��: 김:LJ���:���L���L��ochKp���L��:pS��L#�SJ#�p;SL�#Jwwp�L�J�Yp:SLJ:�L�x�L��# ŶX\$ŶŶĿŶŶĸIJŊŊŗĹŶŶŶĹĔĸŶĦĸŶŶĿŶŶŶĿŶĬŶĿŶŶĿŶĸŧŸĊĹŢŶŶĸĸŶŶĸŶĸŶŶĸŶĸŶŶĸŶŊĸŶŶĸŶĿŶŶĸŶŶĸŖŶĸŶŶĸ JŶĿpŶĿJ~~ŶpŶŶĿŶŶĿŴĴ#pŶxŶĿ#ŶĴŶŶĴĊĿĴ:ŶĿŶŶŶŶ#Ŀ~#Ŷ#ŶĿKŶĿŶŶŶŶ#ĴŶŶŶĊĿŶŶŶŁŴŶĿŵp:ŶĿŶŶĴŶĿ **1◆×◆◆F◆◆◆,LK◆◆1◆×◆◆FLO◆×;◆p◆L◆◆YK◆#LOJ#◆;L◆;◆◆L•◆◆◆◆◆L◆J◆LYp◆◆p;S◆`◆◆**◆熥 ~�`�-�d�`��pw�d�`�pwLp�n��-��Jp�#pS:J�x#? d�`~L��J��n��� �#YJ�1:k�~F`��-���-�`�~ ŶŴŢŶŶĬŶŶĬŶŶŖŶŶĠŢŶŶŶĠŴĠŴĠŴŶŶŶŶŶŶŶŶŶŖŶŊĬŢŶŶĠŶŶŊŶŶŶĠŴŴŶĦ~ĬŔŶŶŶŶĬŶŶŢŶŶŶŶĬĦŶŶŶŶĬĦŶŶŶŶŶĬŶŶŶĬŶŶŶ

◆J:L���L�xk�J:��L�wLC�x#L#��x優! L�JYL+�:��L~xk�p�L��YY�:��L#�SJ#�p:Sd�L��p�Lp��YLJ�LC�x#LQ�x:�p�LY��p:SL#��:J���L�p ��Lx�LJ:�LYJ:CL����#�:�� ◆随一�`�-�d�`��pw&d�`�pwLp�N��--��Jp�#pS:J�x#?

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ŶŶŶŴŴŶŢŶŶĬ~´ŶŊ
                                                 ÔÔÔMÔÔT.ÔÔ 1~ 'Ôb
                 �#YJ��LJYL��-p:SL��L�J:L�J#�L��L:�#YJ�p��L�x#L#��J�p�:�Lkx�L�x#L�pZ|
LK�LJ��#�����LJ:�L#�~Jp#��Lp:L�#��#L��L�#x�CLY�W�Lw�#�J#�`������
~�`�-�d�`��pw�d�`�pwLp�n��-��Jp�#pS:J�x#? d�`~L��J��n��� �#YJ�1:k�~F`��-���-�`�~
Ŷ#YJŶŶĿĠžĸŶŶĿJŶŶĿŶŧŶ;SŶĊĿŶ;ŶŶĸ#JSŶĿĊŶĸĿŶŶĿŶĸĸŶŴĊĿŶŴŶĿĸŶ#ŶJ#ŶĿŶĸŶŶŶŶŶŴŶĿŶŶĸĸŶĿŶĸŶŶĸŶŶĸŶŶĸŶŶĸŶŶĸŶŶĸŶŶ
SLŶX#ŶŶĿ#pŶĿJŶŶŶŶŶĸŶŧŶŧŶŶĬŶĿ₽ŶĿŶpŶŶĿŶJ,ŶĿŶďžĿĊŶJ#ŶĿŶŶĿJŶŶĸJŶŶĊĿŶJWŶĿŶŶŶŶŶĬŶĿŶĸſŶŶ#
ŶĿŶ:ĿŶŶŶĿŶ#ŶŶĿŶŶŧŶĿŶŶ#:ŶĿŶĿĸŶIJŶŶĿĊŶĸĿIJ#ŶĿIJŶ#ŶIJŶĊĿĸŶp:Ŷ`ŶŶ~ŶĬĨĨ
~�`�-�d�`��pw�d�`�pwLp�N��-��Jp�#pS:J�x#? d�`~L��J��N��� �#YJ�1:k�-F`��-�随-�`�-
$\frac{1}{2}\text{$\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_0\phi_
ŶĿŶŶĿŶJĸŶĿŶp#ŶŶĿŶ#ĿŶŶĿ₩p#Ŷwp$ŶŶŶ#ŶĿŶĸŶ#ĿŶŶ#ŶŶĿĊŶJ#ŶĿŶ:Ŷ#ŶJŶ
p:SL�x#L�Jp�CL�Jwwp:SLkCL�L~�#�::��L��LJLYp:pYxYL�wL�#L~�#�::��L�:L�x�CL~�#L�JCLJ:�
LKCLJ��p:Sd�L�džL:��Lx:p��L�:L���L|J�L#p��L�ML#p$��JCL;#;������
$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}{2}\text{$\frac{1}\text{$\frac{1}\text{$\frac{1}\text{$\frac{1}\text{$\frac{1}\text{$\frac{1}\te
                 Ŷ#YJŶ#JŶĿŶŶĿ;ŶŶ;Ŀp;Ŀ8#;#ŶĿDzŶ;Ŀ#JŶŶŶJĊĿŶJŶĿ~#Ŷ~ŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶ
��L-�#�J-�L�Ldžx��:��Lk�L�#p�p:SL��p�LY���JS:@}`��-�随
~�`�-�d�`��pw�d�`�pwLp�N��-��Jp�#pS:J�x#? d�`~L��J��N��� | �#YJ�1:k�~F`��-���-�`�-
�#YJ�#�#��LYCLK�����L�D:��L��L��L��J:��L��CL�:L~��p��L��H�K�L��J�L��#BBS2�#P#######:
%LC&J#&LJ#&L&#C&J&L&&&J#&L&&Lw&&&CL&x~~&#&L&&;&L&ELJ:&LQ&p&wL+&:&&:&&L~#&~&&J&`&&
 `熥~�`�~�d�`��n�d�`�pwLp�N��~��Jp�#pS:J�x#? d�`~L��J��N���#YJ�1:k�~F`��~�)通~�`�~
�d�`��d��d�`�pwLp�N��—��Jp�#pS:J�x#? d�`~L��J��N�����#YJ�c�J:,LC�x`��-���
~�`�-�d�`��d�`�owLp�N��-��Jp�#oS;J�x#? d�`~L��J��N��� �#YJ�1;k�-F`��-��i-�`�-
Ŷ#YJŶċJĸŶŶĿĸŶ#ŶŶ#ŇŶ#ŶĿŶŶŶŶŶĸĴŶŊ:SNŶ#ŶĿŶŶŶŶĸĴŶŶŊ:SNŶ#ŶĿŶĊŶŶŊŶĸŶ#ŶŶ#ŶŶ#ŶŶŶſŶŶĬŶŶŶ
? dŶ`ŶĸŶŶĊŶďŶ`Ŷ#ŶďŶ`ŶŶĸŶĸŶĸŶĸŶĸŶĸŴĿIJŶĸS:NŶŶŶ-ŶĸŶĊŶŶĸŶŶĸŶŶŶ
~ŶFĸŶ#ŶŶ#Ŷ:Ŷ:ŶFĸŶ#ŶŶ#9#pSŶŶŶŶŶŶŶŶ\Ŷp:Ŷŧ?
Ŷ#YJŶ`pYSLKŶ#ŶŶ#NŶ#ŶĿŶpŶNŶ;Ŷ8ŶĿŶŶpSŶŶŊŶ;#ĔĿpŶŊŶŶŶ####Ŷp;#8ŶŶĿŶ#ŶŊŶŶpŶpYJSŶ##;ŶSpwŶ#
: 0U�� | E���000��\#�LJ�N�E��#0~���:�LY�:�wo#�#��J�
1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-
F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-
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�~F1 : k�~F1 : k�~F `����熥~�`�~�d�`��������������������;î
~�F~J��p:S�#p:L�;p:L#p:L�;p:��d�`~L��J�����
                 ◆#YJ�`k�#J#���L#��J-��XYJ:`◆k�`��◆熥~�`�-�d�`~L��J��N���
                 �#YJ�`k�Up#�L��p�w`�k�`�����~�`�-���`~L��J��N���
�#YJ��:�L�J#,LUp#�L�#��p�:LEp�#p��1:k�-FL#1:k�-F1:k�-F`JL�#�wN��9J~-��9�J�J9���#
ZŶHŶŶ#_ĽŶŶŶŶŶŶŶŶŶĴŶ1:KŶ~F#1:KŶ~F^`JLŶ#ŶMŶŶŶŶHŶŶ#Ŷ8Ŷ9;8 ŶŶĦŶŶ#_ĿŶ8Ŷ9;8
 `�J�1:k�~FU��`��~J:�`���熥~�`�~�d�`~L��J��N���
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$$\label{eq:control_equation} \begin{split} \# \hat{\mathbf{v}} + \hat{$$

 $\hat{\mathbf{v}} \sim \hat{\mathbf{v}} + \mathbf{v} + \hat{\mathbf{v}} + \hat{\mathbf{v}$

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ŶŶŶĴ;SŶĹŶŶŶſĎ;ĎŶ#ĴŶſĬŴĹ##ŶX~ĹĦŮŶĔŶŶŶ#ŨŜŶ#ŶĔŶĊŶ;ŇŶŶſŎĸĎŶŶŶĬŊŶŶŶſŎŶŎĸŎĸŶŎĸŎĸŎŶŶŶXV#Ġ
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���J:S�L��Yp:p�#J�pW�L##�x~LHU�E�V�#U8�#�E�c_�:N��p~p�:���:NJ�Y�p:�C#�A�A�A$A:A�ACA
#AŶAŶALAŶAŶAŶAŶAALAEA|AŶAŶAŶAŶANAQApAŶACALAŶAWALAŶAŶA:AŶAŶALAŶAJA#A,AŶAŶAXANA|
AŶAŶAŶAJA;ASAŶALAŶAŶAYADA;ADAŶAŶAŶA#AJAŶADAWAŶALA#A#AŶAXA~ALAHAUAŶAEAŶAVAŶA#AUA8AŶA#A
�AEA�ACA A�A�A:ANA�A�A�AŊA�ADA~ADA�A:A�A�A�A�A:ANAJA�AYA�ADA:A�ACA#A�A|YÛNQ�C�L�UL�|
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AJAŴAYAŴADA:AŴACA#AŴAŴAYAŴA:AŴA%A-AJA#A,AŴAŴAWASAŴAŴAŴA:AŴACA#AŴAŴALAŴAŴALAŴAŴALAEALA
AAAAD���XV#G#P������'6AAAAAA��NOp�CL�wL��:�L�J#,�xNI
���J:S�L��Yp:p�#J�pW�L##�x~LHU�E�V�#U8�#�E�c �:N��p~p�:���:NJ�Y�p:�C#�A�A�ANAQApA�A
CALAŶAWALAŶAŶA:AŶAŶALAŶAJA#A,AŶAŶAXANA|
A�A�A�AJA:ASA�ALA�A�AYADA:ADA�A�A#AJA�ADAWA�ALA#A#A�AXA~ALAHAUA�AEA�AVA�A#AUA8A�A#A
ŶAEAŶACA AŶAŶA:ANAŶAŶAŶAŶAŶAPA-ADAŶA:AŶAŶAŶAŶAŶAŶAŶAAAA.AŶADA:AŶACA#AŶA6!AAAA.!ŶAAA[Ŷ]
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AŶALA ADAŶAŶAŶAŶAŶAſŶAŶAŶAŶAŶANAOADAŶACALAŶAWALAŶAŶA;AŶAŶALAŶAJA#A,AŶAŶAXANAI
AŶAŶAŶAJA: ASAŶALAŶAŶAYADA: ADAŶAŶA₩AJAŶADAWAŶALA#A#AŶAXA~ALAHAUAŶAEAŶAVAŶA#AUA8AŶA#A
ŶAEAŶACA AŶAŶA:ANAŶAŶAŶAŶAŊA~ADAŶA:AŶAŶAŶAŶAŶA;ANA:AŶAYAJA#ADAJA:AŶA|YŶNOŶĊŶĿŶUĿŶ|
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     ADAŶAŶAŶAŶALAAAADŶŶŶXX#G#PŶAŶŶŶŀ6AAAAAAŶNODŶCĿŶwĿŶŶ;ŶĿŶJ#,ŶXNI
���J:S�L��Yp:p�#J�pW�L##�x~LHU�E�V�#U8�#�E�c_�:N��p~p�:���:N:�YJ#pJ:�A�A�ANAQApA�AC
ALAŶAWALAŶAŶA:AŶAŶALAŶAJA#A,AŶAŶAXANA|
AŶAŶAŶAJA:ASAŶALAŶAŶAYADA:ADAŶAŶAŶA#AJAŶADAWAŶALA#A#AŶAXA~ALAHAUAŶAEAŶAVAŶA#AUA8AŶA#A
�AEA�ACA_A�A�A:ANA�A�A�ADA~ADA�A:A�A�A�A�A�A:ANA:A�AYAJA#ADAJA:A�A6!AAAA!�AAA [�A
���J:SŶLŶŶYO;DŶ#JŶDWŶL##ŶX~LHUŶEŶVŶ#U8Ŷ#ŶEŶC Ŷ:NŶŶD~DŶ:ŶŶŶ;NOOJ#Ŷ;AAAAADŶŶŶXV#G#PŶA
���'6AAAAAA��NOp�CL�wL��:�L�J#,�xN|
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LAŶAŶAOAJAŶAŶAŶA#ADA:AŶA|AŶAŶAŶANAOADAŶACALAŶAWALAŶAŶA:AŶAŶALAŶAJA#A,AŶAŶAXANA|
AŶAŶAŶAJA: ASAŶALAŶAŶAYADA: ADAŶAŶAŶA#AJAŶADAWAŶALA#A#AŶAXA~ALAHAUAŶAEAŶAVAŶA#AUA8AŶA#A
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�ALAAAAAD���XV#G#P�A���'6AAAAAAA��NOp�CL�wL��:�L�J#,�XN|
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ŶAWALAŶAŶA:AŶAŶALAŶAJA#A,AŶAŶAXANA|
AŶAŶAŶAJA:ASAŶALAŶAŶAYADA:ADAŶAŶAŶA#AJAŶADAWAŶALA#A#AŶAXA~ALAHAUAŶAEAŶAVAŶA#AUA8AŶA#A
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%ALAŶALAŶA~AYALA9ALAUApA#AŶALAŶAŶAYApA:ApAŶAŶA#AJAŶApAŶA:ALA9ALAŶA#AŶA~AŶAŶAŶAŶAŶA
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                                                    N� I O∀� I
                 AŶAŶALAŶAŶAŶAŶAŶAŶAŶAŶANA|AŶAQA#AŶA A#A|ALAŶAEAŶAŶA AŶA#ACAŶAŶACAŶAŶA[
ALA#A�A�A�A�ALAHAUA�AEA�AVA�A#AUA8A�A#A�AEA�ACA A�AOAANA�A|AOA�A�A�A|A ACA#A�AOA
                 ANAŶAŶAŶA#ACAŶAŶA#AXAKA9AOAŶAYAYADAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶADA:ASALA9ALA+AXA:AŶALA
%ALAŶALAŶA~AYALA9ALAUADA#AŶALAŶAŶAYADA:ADAŶAŶAŶA#AJAŶADAŶA:ALA9ALAŶA#AŶA~AŶAŶAŶAŶAŶA
ASAŶA:AŶAJA66TŶŶHŶŶĬŶŶŶ 7,8ŶI ŶĿ6LŶ6Etx|AŶAŶAŶANAQAŶACAŶALAŶAUALAŶA|A
                 AŶAŶALAŶAŶAŶAŶAŶAŶAŶAŶANA|AŶAQA#AŶA A#A|ALAŶAEAŶAŶA AŶA#ACAŶAŶACAŶAŶA|
ALA#AŶAŶAŶAŶALAHAUAŶAEAŶAVAŶA#AUAŠAŶA#AVAEAŶACA_AŶAQAANAŶA|AQAŶAŶAŶA|A ACA#AŶAQA
                 ANAŶAŶAŶA#ACAŶAŶAŶA\AŶAŶAŶANAQAŶACAŶALAŶAUALAŶA|A
                 ALA#AŶAŶAŶAŶAŶAŶAŁAHAUAŶAEAŶAVAŶA#AUA8AŶA#AŶAEAŶACA AŶAOAANAŶA|AOAŶAŶAŶAŶA|A ACA#AŶAOA
                 ANAŶAŶAŶA#ACAŶAŶAAAAADŶŶŶXX#G#PŶAŶŶŶŶ\ĠAAAAAAŶNOŶĊŶĿŶIJĿŶŀŶŶĿŶĸŶŶŶŶĸŶŶŶ
                                                    # | L�E��
                                                                                                                                                                                               c#Ŷ0
                 NŶſ#ĊĸŶĸŶĸŶĸŶĸĴĸ, ApĸŶĸĹĸŶĸŶĸŶĸŶĸĸĸĹĸŶĸĬŢŨŊŶĊŶĿŶŨĿŶĬŶĿŶſŶĔŊĬŶŨĦŶ
L�E���#c��ci|L#����LHU�E�V�#U8�#�E�c �O N�|0+�|
                                                                                                                                                            C#�0 N�d#c;#�AI
AŶAŶAŶANAOAŶÁCAŶALAŶAUALAŶA | A AŶAŶALAŶAŶAŶAŶAŶAŶAŶANA | AŶAOA#AŶA — A#A | A LAŶAEAŶAŶA
                 AŶA#ACAŶAŶACAŶAŶAJALA#AŶAŶAŶAŶAŶALAHAUAŶAEAŶAVAŶA#AUA8AŶA#AŶAEAŶACA AŶAOA
                 ANA PA | AQA PA PA PA ACA#A PAQA
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%ALAŶALAŶA~AYALA9ALAUApA#AŶALAŶAŶAYApA:ApAŶAŶA#AJAŶApAŶA:ALA9ALAŶA#AŶA~AŶAŶAŶAŶAŶA
ASAŶA; AŶAJAŶŶſŶŶŶŶſŶŶŶŶſŶŶŶŶŶĠ!AAAA!ŶAAAſŶIHW##;ŶŶUV}AA6!AAAA!ŶAAAſŶI
H "##; ��UV}AA�>'��QT6���T��� 3.8�I`AQA; A �A A�AŪA; A�A9A#AEA
AVA9AŶAVAŶAŶA9AŶA#ĀŶAŶAŶAŶAŶAŶAŶAŶAŶ
%AUAŶAUAVAŶAŶAYAŶA:AŶAŶA~AJA#A,AŶAŶA#ASAŶA`AŶAŶA;AQAŶAŶAUAŶA9A%A8A#A|A9AŶA AŶAVA9A
AOAŶAŶA9AEAŶAOAŶAŶA;AŶAVA|
AUAUAEAŶAYAŶA:AŶAŶAWADA#AŶAŶAŶA#ASAŶALA`AŶAUAŶAŶAOAUA;A#A9A#AŶAŶAEA9AŶA8AEAŶA9AVAŶA
ŶAŶA9AŶAOAŶAVA
A�A�A�AB�A�A�AYA�A:A�A�AWADA#A�A�A�A�A�A`AJAKA�AJA�A�A�ASAJAKA;A�A�A�ASA A
%AŶAŶA AWAWAŶAŶAKAJAŶA#AŶAŶA8AŶAOAŶAŶAI
AŶA;AŶAYAŶA:AŶAŶA~AJA#A,AŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAVAEAŶAVAEAVAŶA9A|AŶAŶAŶAŶAŶAŶA\A AUA9A
AŴA%AŴA9AŴAŴAŴAWABAWAUAŴAŴAWAWAYAWA;AWAWADA#AWAWADA#AWAWALA`AUA AVAQAWAWA
%AUA9A�A�A�A�A�A�A�A�A�A A9AVA�AEA�A9A�A|A|A#A%A�A�A�A;A�A
AQAŶAYAŶA:AŶAŶAWAQA#AŶAŶAŶA#ASAŶAŶA`A AJAKAŶA%A AWAJAŶA8AWAŶAŶAŶAKAJAJAŶA;A;A;AŶA;A
ASAŶA A; ASAŶAŶA#AŶAQAŶAŶA|AŶA; AŶAYAŶA: AŶAŶA~AJA#A, AŶAŶAŶAŶAŶAŶAŶA`A AJAKAŶA%A
AWAJA�A8AWA�A�A�AKAJAJA�A;A;A;A�A;A A8A�A A;A8A�A�A#A�AQA�A�A|
AŶA;AŶAYAŶA:AŶAŶA~AJA#A,AŶAŶAŶAŶAŶAJAŶAŶAX#Ŷ
#��AAA#ADALA�A�A�A�ALA1ALA
ADAŶAŶAŶAŶAŶAŶAŶAAAJA:ALA~AŶAŶAŶAJAŶAŶAJAŶA,ALAJAŶA,ALAHAJAHAŶAŶALADAWALAŶAŶALAŶAJA:A
LAYAŶAŶAŶAŶALAŶADAŶAŶALAŶAŶAŶALAŶAŶAYALAŶAŶAJA#AŶADA:ASALAJAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶA
ALA1ALAŶAJAXASAŶAŶAŶA#AŶAŶALAKADA#AŶAŶAŶAŶAJACAŶALAJA#AŶALAŶAŶAŶAŶAJACALAŶAŶALAŶALA
dAŶAŶAŶA:AŶAŶALAŶAJA#A,ALAQApAŶACALAQAŶAXA:AŶApAŶAYAŔAŶAYAKAŶA#AdAŶAdAŶA#AŶAŶAŶAŶAŶAJA,
ADAŶALAŶAŶAŶAŶA#ALAŶAAAAADŶŶŶXV#G#PŶAŶŶŶ¹6AAAAAAAŶNOŶĊŶĿŶŪĿŶŢ
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Ŷ#CŶŶĊijĹ#ŶŶŶŶĹĦŮŶĔŶVŶ#U8Ŷ#ŶĔŶĊŶONŶĬO∀ŶĬ
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    A PAPALA PAPAPAPAPAPAPANA I
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ALA#AŶAŶAŶAŶAŶAŶAŶAŁAHAUAŶAEAŶAVAŶA#AUA8AŶA#AŶAEAŶACA AŶAOAANAŶA|AOAŶAŶAŶAŶA\A
    ANAŶAŶAŶA#ACAŶAŶAŶAŶA\AŶAŶAŶANAQAŶACAŶALAŶAUALAŶA]A
    A�A�ALA�A�A�A�A�A�A�ANA|A�AQA#A�A A#A|ALA�AEA�A�A A�A#ACA�A�ACA�A|
ALA#A�A�A�A�ALAHAUA�AEA�AVA�A#AUA8A�A#A�AEA�ACA_A�AQAANA�A|AQA�A�A�A|A ACA#A�AQA
AŶAŶAŶAŶAJA, ADAŶALAŶAŶAŶAŶAŶA#ALAŶAŶAŶAŶAŶAŶAJA, ADAŶAYAŶA: AŶAŶA~AJA#A, AŶAŶA#ASA#VŶĿŶŶ
ŶŶŶŶĸŶĸŶĸĿĸŶĸĊĸĦĸŶĸŶĸĹĸŶĸŶĸŶĸŶĸŶĸĹĸĔĸŦĸŊĸIJĸŶĸĴĸŶĸŶĸŶĸŴĸĹĸ
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X6AAŶA#AAAAŶAŶA#6AAŶAŶA#AA~AŶAL#AAŶA#6A#6Ŷ#AAXAŶA&#AAWAŶĀŶ#AAŶAŶAŶA₩AAŶAŶAX#AAn]#AAAA
A5∏#AAAA��∏#6##AAG∏�AAbAA-∏#6LbAA�∏�A�bA��∏�A&bAAb�AA��A#��A! �AA!
ŶAŶbAAnŶA#bAAŶŶbAŶAAŶŶbAIŶAA-ŶAXbAA?
�bah#aa��bah#aa��#6#baa��#6a�aa��#6L�aa��#6��aa��#aaaaa#]�a&�aab]#6�aau]ba6aaa*##6�
ŶAA^#bAbAAAŶ#ŶA#ŶAA #ŶAXŶAAV#ŶA#ŶAAŶ#bA====Ŷ#ŶAA!AAŶ#ŶAL!AA###6Ŷ!AA*##6&!AAt##6Ŷ!
AA^##A6AAA��#A6AAA>�A#!AA��bA�AA#�bA#�AA�AX!AA��#6#!
AAŶŶAAnAA/Ŷ#6LnAAŶŶbAŶAAŶŶĸŶĸŶĸŶ
#>#n�'@}|######�A�A�A�AWA�A�ALAWA#A�AYALAQA�A�A|
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A�A;A�AYA�A:A�A�A~AJA#A,A�A�A�A�A�AJA�ALAHA;A#A�A#A�A�A;A�A_ALAKACALAQA�A�A|
AŶA; AŶAYAŶA; AŶAŶA~AJA#A, AŶAŶAŶAŶAŶAŶAŶAQAŶALAHA; A#AŶA#AŶAŶA; AŶA ALAŶADAŶAŶAŶALAŶADAŶA
#AŶAŶAŶAWAŶALA#AŶACAŶALA#AŶA#AWAŶA#ALAHACAŶA#A ALADAŶALA;AŶAŶAŸA#AŶA;A;AŶAŶAŶAŶAŶA
AJALAŶAJADAŶAKAŶAŶAQŶALACA#AJA;AŶA~AŶA#AŶAFALACAXAŶAŶALAŶALA+AXA;ALA8A#A;A
%ALA;AŶAŶA;AŶAŶA8AŶALA9A#A%A#A#AdAŶAŶAŶAŶAŶAQAWAŶAŶAŶAŶAŶA
AŶA;AŶAYAŶA:AŶAŶA~AJA#A,AŶAŶAŶAŶAŶAJAŶALAHA;A#AŶAŶAŶAŶAŶA,AŶA ALAKACALAOAŶAŶAI
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#AQAQAQAWAQALA#AQACAQALA#AQA#AWAQA#ALAHACAQA#A ALApAQALA;AQAQA#AQA;A;AQAQAQAQAQAQA
AXA�A�ALA�ALA+AXA:ALA8A#A;A%AdA�ALA;A�A�A;A�A�A8A8ALA9A#A
%A#A#AdA�A�A�A�A�ADAWA�A�ALAWA#A�AYALAOA�A�AI
A�A;A�AYA�A:A�A�A~AJA#A,A�A�A�AJA�ALAHAZAWA�A�A#A�A�AJA#AJA#A�A�AKAJA�A�A�AJA�A
ŶA8AWAŶAŶAfA_ALAKACAdAŶALAQAŶAŶA|
AŶA;AŶAYAŶA:AŶAŶA~AJA#A,AŶĀŶAŶAŶAŶALAHAZAŶAŶA;AFA ALAŶADAŶAVALAYAJA~ADALADAŶALA;A
�AŶA#A#A�A;A;A�A�A#A#A#A#AFALACAXA�A�ALA+AXA:ALA8A#A;A
%AdA�ALA;A�A�A;A�A�A8ALA9A#A
%A#A#AdA�AQA�A:A�A�A:A�A9ACACA~A�A�ALAJA~A~A�ApA�AJA�APA�A:A�AYA�A9A�A:A�AWAFALA:AJ
AYA�ANA�A�ADA:AYAJApA�A�A�AJA�A�AGAQA�ACA#AJA:A�AWA�AHAJA:A�AWA�AHAJA
A:AŶAŶAŶAŶAPA:ASAŶALAKAPA:AJA#ACAdAŶAUA#AŶAYAŶALAŶAŶAŶAŶA.AŶACA#AŶAŶALAŶAŶAŶAŶALAEAŶA
LA`AJAŶAYAŶADA:AŶACA#AŶAŶAŶAYAŶA:AŶAŶA~AJA#A,AŶAŶA#ASAŶAdAŶACAŶAŶAŶAŶAŶAŶAŶAŶAŶAJA,ADAŶAL
�A:A�ALA�A�AQAJA�A�A#ApA:A�A�AdA�A#A`AQAQAJA#A�A�A:A�AYA�A:A�A�A-AJA#A,A�A�A#AS
A�AdA�A#AXAKA#A�A�A�ALAUAKA�ALA#AXAKA9AQA�AYAYAPA�A�A�ALA�A�A�A�A�AA.ASALA9ALA+A
xA:A�ALA
%ALAŶALAŶA~AYALA9ALAUADA#AŶALAŶAŶAYADA;ADAŶAŶA#AJAŶADAŶA;ALA9AdAŶALAŶA#AŶA~AŶAŶAŶAŶAŶ
ALAŶASAŶA:AŶAJAdAŶACAŶA#AŶAJAŶA9ACAŶA~ApAŶAŶALA#AXAKA9AQAŶAYAYApAŶAŶAŶAŶAŶAŶAŶAŶAŶ
pA: ASALA9ALA+AxA: A�ALA
%ALAŶALAŶA~AYALA9ALAUApA#AŶALAŶAŶAYApA:ApAŶAŶA#AJAŶApAŶA:ALA9AdAŶALAŶA#AŶA~AŶAŶAŶAŶA
ALAŶASAŶA:AŶAJAdAŶACAŶA#AŶAJAŶA9AŶA:AŶAŶAŶAŶALAŶAŶA#A#AŶA~AŶA A#A
AEA, AWAŶA#A#AŶA, AYAKAŶAŶAŶA+A AKA%AŶAŶAŶAĴAŶAŶAŶAŶAŶ
ASAdA�AEAJA�A�A�ALACAXA�A�ALA�ALA+AXA:ALA8A#A;A%ALA;A�A�A;A�A�ASA;ALA9A#A
%A#A#AdA�A�A�A�AJASA�A9A�AEA�ALA`A AJAKA�A%A AWAJA�A8AWA�A�AKAJAJA�A;A;A;A�A;A
A8AŶA A;A8AŶAŶA#AŶAQAŶAŶA]
AŴA;AŴAYAŶA:AŴAŶA~AĴA#A,AŴAŴAŴAŴAŴAŴAŴAŴAŴAŴAŴAŴA
ŶA9A%A8A#A|A9AŶA AŶAVA9A AOAŶAŶA9AEAŶAOAŶAŶA;AŶAVA|
AUAUAEAŶAYAŶA:AŶAŶAWADA#AŶAŶAŶAŶAŶAAAAAAAA`AŶAUAŶAŶAOAUA;A#A9A#AŶAŶAEA9AŶA8AEAŶA9A
VAŶAŶAŶAŶA9AŶAOAŶAVA
AŶAŶAŶAŶA$AŶAŶĀŶAŶAYAŶA:AŶAŶAWAŊA#AŶAŶAŶA#ASAŶAŶA`AJAKAŶAJAŶAŶAŶAŶAŶA$AJAKA;AŶAŶAŶAŶAŶA
%AŶAŶA AWAWAŶAŶAKAJAŶA#AŶAŶA8AŶAOAŶAŶA
AŶA;AŶAYAŶA:AŶAŶA~AJA#A,AŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAVAEAŶAVAEAVAŶA9A|AŶAŶAŶAŶAŶAŶA\A AUA9A
AŶA%AŶA9AŶAŶAŶAŶAŶA₽AŶAUAŶAŶAŶAŶAŶA₽AŶAYAŶA;AŶAŴAWADA#AŶAŶA#ASAŶAdAŶALA`AUA AVAOAŶAŶA
%AUA9A�A�A�A�A�A�AQA�A A9AVA�AEA�A9A�A|A|A#A%A�A�A�A;A�A
AQAŶAYAŶA:AŶAŶAWADA#AŶAŶAŶA#ASAŶAdAŶAŶA:A9AŶAŶA~AŶACA9ACAŶAŶALA`AUA AVAQAŶAŶA
%AUA9A�A�A�A�A�A�A�A�A A9AVA�AEA�A9A�A|A|A#A%A�A�A�A;A�A
AQAŶAYAŶA:AŶAŶAWADA#AŶAŶAŶAWAHASAŶAdAŶAŶAŶAŶAŶAŶASAŶAJA:ASAXAJASAŶAŶALAŶA:A9AŶA#AdA
ALACA�A�AdA�A�A9A�A#A9A|
A�A�A�AJA:ASA�A9A�A#ASAJA:ApA�AJA�ApA�A:A9A#AQA�A�ALA9A;AdA�A�A9A�A#A9ACA
AUA9AQAQA#A#AQAQAJAQALA`A AJAKAQAKA AWAJAQASAWAQAKAJAJAQA;A;A;AQA;A A8AQA
A;A8A�A�A#A�AQA�A�A|A�A;A�AYA�A:A�A�A-AJA#A,A�A�A�AJA�A�AJA�A�A�A�A�A�A
AŶAŶAŶAJA: ASAŶA9ACA#AJA: AŶA~AŶA#AŶA9AUA#AŶAYA|
AŶAŶAŶAJA:ASAŶA9AŶA#ASAJA:ApAŶAJAŶADAŶA:A9AŶAŶAŶAŶAŶAŶAAAAA
CA�ALA�A#ApASApA:AJA�ApA:ASAdA�A�A9A�A#A9A|
AŶAŶAŶAJA:ASAŶA9AŶA#ASAJA:ApAŶAJAŶAJAŶAPAŶA:A9AŶAXAŶAŶA#AŶAXA#AŶAŶAŶALAQAŶAŶAL
A�A;A�AYA�A:A�A�A~AJA#A,A�A�A�A�A�AJA�AdA�A�A9A�A#A9A|
AQAQAQAJA:ASAQA9AQA#ASAJA:ApAQAJAQADAQA:A9AQAXAQAQAQAQAQAQAQA;AQAQA#A:AJAQAdAQAQAQA
A�A�A�AJA:ASA�A9A�A#ASAJA:ApA�AJA�ADA�A:A9A�AXA�A�A�A�A�AJA:ApA�AYA�ALA#A�ADA�A
```

```
9AŶA#ADASADA:AJAŶADA:ASA9AŶAŶAŶALAZA;A#AŶAŶAŶAŶAŶAŶAŶAŶA$AFAdAŶAŶAŶAŶA$AA|
AŶAŶAŶAJA:ASAŶA9AŶA#ASAJA:ApAŶAJAŶADAŶA:A9A
        A $\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\}$}}}}\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\}\exititx{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\text{$\
AŶAYAŶA:AŶAŶA~AJA#A,AŶAŶA#ASAdAŶAŶA9AŶA#A9A|
AŶAŶAŶAJA:ASAŶA9AŶA#ASAJA:ApAŶAJAŶADAŶA:A9AŶAŶA#AŶAJAYA~A9A|
%A9A#A A�A�A9A�A�AWA�A9A�A�A;A9A�A#A A�A�A%A;A�A
\mathbb{Q}(X)
CŶL#CCŶ9|��;NŶOŶ:��:�9CC~ŶLOŶC|
                                                cN���
YŶFĿŶŶJ#ŶŶŇĸŶŶĴŶĸĸŶŶĬĿŢŶŶŊĿŢŶŶŊĬĠŶĸŖĬŶŶĦĹŶŶŧŶŶĸŶŶĸŶĸŶĸŶĸŶĸŶĸŶŦŶĿŢŶĿĦĸĸĸŶŦŶŶĿŶŶŊĸŶŶ
��� F�d��d��L�K�JMp�#�x#�H?��MJx�?��� F�d�J~�L�K�JMp�#�x#�H?��MJx�?
���_F�d�`����`}Z�:�pwf99�`�C��`}99d���LU�:�LE�wp:p�p�:�L��dw:�9wJ��d�#�w�:�9wJYp�
CŶQJŶpk#pFdŶ#~J:ŶŶŶ9;Ŷ8L;ŶLŶL8L8L8LŶLŶL8LŶFŶdMŶ:Ŷ9wJŶŶdŶ#ŶMŶ:Ŷ9wJYpŶCŶĊJŶŶYJFdŶ#~J:
���9;�8L;;L�L�L�L�L�L�L�L�L�L�L�L�L�L�...���9wJ���H�W�:�9wJYp�C��H�S��L#�#p~��Fd�#~J:���9;�8L
;;LŶĿŶĿŶĿĸĿ#Ŀ#Ŀ#ĿŶFŶďŶŶŶĿ#ŶĊŶŶĿĔŶwp:pŶpŶ:ŶĿŶŶďŶŶŶŶŶŶŶŢŶĿŶpŶŶŶ
        �#YJ��L�pW���
�#YJ�d�#�YJ#Sp:�#p:Fd�#YJ#Sp:9k�������##;~�Fd�#w�:�9�p��;8�#~�Fd�#w�:�9wJYp�C��cpY
��L ��K��YJ;���Hpw�F�d�J��o; �K�-J;���#C-�#�o; d�#�Y���C��9-#p�#p�C�
Fd�#���#�����
Fd�#���#�~x#~��Fd�#�
9Ŷi #JŶpŶ:Ŷx:ŶŶ#Ŷp:ŶFŶďŶ~ŶŶŶŦŶJŶŶŶĹŶpŶŶŶŦŶĴŶŶŶĹŶŊŀŶŶŶŦŶĴŶŶďŶŀŶŊŶŶŶŶŶŶŶŶŶ$#ŶpŶĊŶ
Fd#Y90C0090D: ,00VJ000: Lc?
LOŶJ#ŶFďŶ#YJ#Sp:Ŷ#p:FďŶ#YJ#Sp:9kŶŶŶŶŶŶ###:~ŶFďŶ#wŶ:ŶŶŶŵŶ
Ŵ#~ŶFĊŀŶ#ŴŶ;Ŷ9wJYpŶĊŶŶĊJŶŶYJŶŴJ;ŶŶŶŶ#pWŶFŶĊŶŶ~J;Ŷ|YJpŶ#ŶĊŶŶ;
%d�#�Y���C����C-�-�#�:J�Fd�#M�:��JYp�C���#DJ��J:����#Dw�Fd�#����#$?;U�
0�J#d�#�Y�9�C��9:JYI VJ��:Lc?L0�J#�Fd�#Y�9�C��9~#p�#p�C�
Fd$#Y$9$C$$9$o;,$$VJ$$;Lc?$Fd$#w$;$9wJYp$C$$CJ$$YJ$$J;$9$$#pw$F$d$$~J;$\
YJp�#�C��8#d�#�Y�9�C��9�C-�-�#�:J�9#�-�CFd�#w�:�9wJYp�C���#pJ��J:�9��#pw�Fd�#���H�
?;∪�
%EFd$#\$:$9$$p$$$$:$#YJ$Fd$#\$:$9$C$$:$#YJ$F$3$$O$-E$WJX$d$#$Y$9$C$$9$C-$$-$#$9$:$
CFd@#w@:@9@p@@;#@#~@F@d~JS@LK@#@# p@:;d@#@@p@@
@p:L;;@#p:Fd@#YJ#Sp:@;@#p:L;@#p:L;@#p:L;@#p:F@d@@pw@K@#@# p@:;d@#@~JS@K@#@# p@:;F@
dŶ99Ŷ`ŶŶĊŶŶ`}99ZpwLSŶŶLYŶLŦŶ`ŶYŶdŶ`ŶŶŶJ-ŶŶŴJXŶŶLŴNŶŶŶŊŶŶLŶ-₽ŶYJŶNŶ;#8
ŁĹŶďŶ`ŶŶŶ`}ZŶ:Ŷpwf99Ŷ`}99ZpwL$ŶŶLYŶL fŶ`ŶYŶďŶ`ŶŶŶJ-ŶŶJCŶXŶLWŶ
NŶŶŶĠŶŶĠŶŶĠŶŢŶŢĸŶŊĸŶŶŶĠŶŶŶŶŶŶŢŶŢŊŶ;ŶĿŶĠŶĬ
@J~��JC�x��`�Y�`}Z�:�pwf99�`��J�`k��CL�J:SN|
        90#L0p:,Nk0x0LW0p:,N~x#~00`0pWL00J00NK0#0# p0:;0`~L00J00N00
        �#YJ�`�~J:L�C��N�w�:�9�p��;;�#-�Fw�:�9wJYp�C���#pJ��J:�9��#pw�F���#�?;U�
%E��U�aL`���熥~�`��~J:�`��`~L��J��N��
        �#YJ�`�~J:L�C��N���:������;;�#-�Fw�:�9wJYp�C���#pJ�@J:����#pw�F���##0?;U�
%E��`���1:k�~F`熥~�`��~J:�`�~�`~L��J��N��
        �#YJ�`�~J:L�C��N���:�9����;;�#-�F��:�9wJYp�C���#DJ��J:�9��#p��F���#�?;U�
%E��U�#L��Y�##��1?�8;%F�LY��p:S�L`���熥~�`��~J:�`�-�`~L��J��N��
        Ŷ#YJŶ`Ŷ~J:LŶĊŶŶŊŶĸŶ:ŶŶŶſĠŶŶŶŶ;;Ŷ#~ŶFĸŶ:ŶŶĸJYPŶĊŶŶŶ#ŊŶŶJ`ŶŶJ:ŶŶŶŶ#₽ĸŶFŶŶŶ#Ŷ?;UŶ
%E��`���1:k�-F`熥-�`��-J:�`�-�`�pw�`~L��J��N��
�#YJ�`K�`�-J:L�C��N�w�:�����;;�#-�Fw�:��JYp�C��OJ�pk#p���J:����#m�F���#�?;U�
%E������L���:�C#�`���� ~�`��~J:�`�k�`�~�`~L��J��N��
        �#YJ�`�~J:L�C��N�w�:�9�p��;;�#-�Fw�:�9wJYp�C��QJ�pk#p��J:�9��#pw�F���#�?;U�
```

```
%E��Op�CL�wL��:�L�J#, `���随~�`��-J:�`�-�`~L��J��N��
            Ŷ#YJ�`�~J:L�C�ŶŇŶw�:�9�p��;;�#~�Fw�:�9wJYp�C��OJ�pk#p���J:�9��#ow�F���#�?;U�
%E��%#;L�Jx#��L#�#��`���// ��// ��~J;�`�-�`~L��J��N��
            �#YJ�`�~J:L�C��N�w�:�9�p��;;�#~�Fw�:�9wJYp�C��QJ�pk#p���]:�9��#pw�F���#�?;U�
%E����:���#,�LO�L�#8�`����/@~�`��~J:�`�-�`~L��J��N��
            �#YJ�`�~J:L�C��N�w�:�9�p��;;�#~�Fw�:�9wJYp�C��OJ�pk#p���]:�9��#pw�F���#�?;U�
%E��H��# L��#9��;#`��-�牐~�`��~J:�`�-�`~L��J��N��
�#YJ�`p�`�-J:L�C��N�w�:�9�p��;;�#-�Fw�:�9wJYp�C��QJ�pk#p��J:�9��#pw�F���#�?;U�
%E��`JL�#�wN�YJp�J�Y�p:�C#�Y�:�-J#,��#$��`�-J:L�C��N����H�k�ÆJ
JŶŶŶŊ:ŶĊ#ŶŶŶ;Ŷ~J#,ŶŶ#$`ŶŶ~J;Ŷ`ŶĴŶ`ŶŶŶŶĬĨ~Ŷ`ŶŶ~J;Ŷ`ŶŊŶ`Ŷ~Ŷ`~LŶŶĴŶŶŊŶŶ
            Ŷ#YJŶ`Ŷ~J;LŶĊŶŶŊŶŴŶ;Ŷ9ŶďŶ#~ŶFWŶ;Ŷ9WJYďŶĊŶŶŎĴŶŎĸ#ĎŶŶĴ;Ŷ9ŶŶ#ſŴŶFŶŶŶĦŶ?;UŶ
%E��`���1:k�~F`熥~�`��~J:�`��`~L��J��N��
            �#YJ�`�~J:L�C��N���:�9�p��;;�#~�Fw�:�9wJYp�C��OJ�pk#p���J:�9��#pw�F���#�?;U�
%E��`pYSLK�#��#N#L�p�N;8�L��p�N;8�Lp�N���###�p;#8 �L�#�N��pYJS�##;�#~S�#;E8E|
EUQUQQV#|Q#QLJQNQUp;JQLQpQCLQQQQLQQ98QQ`QQ~Qji=Qx`QQ-J;Qx`QxQx\Qx-Qx\Qqq
            �#YJ�`�~J:L�C��N���:������;;�#-�Fw�:�9wJYp�C���#pJ�@J:����#pw�F����#?;U�
%E��`���1:k�-F`∭-�`��-J:�`�-�`�⋈�`�⋈L�C��N�k�#��#�:�:�Fk�#��#���������\?
V���EUL;�#~�F~J��p:S���#-�L#p:L#p:L#p:��`~L��J��N��
�#YJ�`K�`�~J;L�C��N�M�;�����;#�#~�FM�;��JYp�C��CJ��YJ��J;����#nM���U#�Y�`��_J;�`
ŶĸŶ`Ŷ~J;ĿŶĊŶŶŊŶĸŶ;Ŷ9ŶĭŶŶ;#Ŷ#~ŶFĸŶ;Ŷ9ĸJYpŶĊŶŶċJŶŶYJŶŶJ;Ŷ9ŶŶ#pĸŶŶŶĿ#ŶŶJ~ŶŶxYJ;ŶĿ#J#Ŷ
��LZYJp�J#�����:�wp#;#SfL`k#�`k�#�:��`�k�Lcx���JC�L+x:�L#��L8#;
%L;8�;#Lə`k#�`k�c��`�k�LQJ�J���L
�#xk#I � `�k�L#xk9��YYp����L���p:SL9L+x:�L
%L�L�~YL9LUp#�L��Yp:p�#J�p�:L9L�#�-����L���:�J`��-�随
~$`$$~J:$`$~$`$$d\$`$$d\$`~L$$J$$N$$
                                                                                    �#YJ�`���1:k�~F`熥~�`�~�`�ɒw�`~L��J��N��
            ◆#YJ�#���L p����`����� ◆ *����� *�pwLp�N�-��Jp�#pS:J�x#�`~L��J��N��
            �#YJ�#�#�LJ#�L�x#L~#�-����L���:�JLp��Y�`��-���
                                                                                                             �#YJ�`��1:k�~F`熥
~Ŷ`Ŷ~Ŷ`ŶŶŒŶŶŒŶŶŶĸŶŶŊŶ~ŶŶŊŖŶ#pS:JŶX#Ŷ`~LŶŶŊŶŶŊŶŶ
~Ŷ`Ŷ~Ŷ`ŶŶĸŶŶĸŶ`ŶĸĸĿĸŶĸŶ~ŶŶĬĸŶ#ĸS:JŶx#Ŷ`~ĿŶŶĬŶŶŊŶŶ
Ŷ#YJŶ;ŶŁUp#ŶĿVŶJ#ŶŶĿŶŶŊŶŊŶ;ĿŶŶĿŶĿŶĿŶĿŶĸŶĿŊŶĸŶĿŊŶŶĿŴŶŶĿŶŶĦŶxSŶĿŶĴŶĿ#x#ŊŶŶŊŶŊŶ;
ŶĿĸĸŶĿ#JŶŶŶ#ĿŶŶ#Ŷĸ$ŶĿŶŗġĿĹŶŶĴŶŗ:ŚŶĿŶŗŶŶĿŶŴŶŶŶŧŶĿĸŶŗ:SĿ~#Ŷ~Ŷ#ŶĊĿŶĴŶĿŚĸĴ#Ĵ:ŶŶŶŶŶĿ
~Ŷ`Ŷ~Ŷ`ŶŶŊŴŶ`ŶŊWLŊŶŊŶ~~ŶŶJŊŶ#ŊS;JŶX#Ŷ`~LŶŶJŶŶŊŶŶ
                                                                                                             �#YJ�`���1:k�~F`熥
~\hat{\partial} \cdot\hat{\partial} \cdot\hat{
�#YJ�8�L����:���L���L���L���L�x����:�LJ�:SL����L���J�CL�:�pJ��CL�:�L��p:�L~#�-��
�`��ɒW�`�ɒWLp�N�~•��Jp�#pS:J�x#�`~L��J��N��
            �#YJ�LUp#�LV�J#��L��p�p�:L��L:�L�:S�#L#�-�J��LUp#�L#�J�n�:L%
%L�p��LJL:��L�J#S�#LwJ�p�p�CLJ:�L�xk���x�:�L�p�x��p�:�-#�-��J�L����L+x:�LUp#�LV�J
#ŶĿŶŶŶĸĸĿĸŶŶĸŶĸĸŶĦĿŶŶĿĸĸŶŦŶŶĬŶŶŊŶŶĸŶŶŶŶŶŶŶŶŶŶĸŶĸŶĸŶĸŶĸŶĸŶĸŶĸŶŶĸŶŶĸŶĸŶŶĸŶŶĸĨĨ
�#YJ�`���1:k�~F`熥
~ \( \dagger \
Ŷ#YJŶîLEpŶ#pŶŶŶĿŶŶĸŶĸŶĿŶŶĿŶŶĿŶŶŶĿŶŊĬŶŶĊĿŢŶŶĿĦŢŶĿĦŶŢŶĸŶŢŶĸŶĿŶŶĿŢŶĸĸŶĸŶĿŨŢŶĸŶĸŶĸŶĿŢŶĸĸŶĸŶĸ
HOU LOOODS; JOPO: O`OOODIE-O`OODIOO`ODILDONO--OOJDO#DS; JOX#O`~LOOJOONOO
            ◆#YJ�`���1:k�-F`熥~�`��炒��`��MD�N�-��Jɒ�#ɒS:J�x#�`~L��J��N��
�#YJ�KLK�#, L���Ik�#J�p��CL��L~x#�x�LJL#�p:�L~��p��LJ:�Lwp#�LwJ�p�p�CLJ�:SL�p��LJ:
```

%E��Op�CL�J; JS�#`���猫~�`��~J;�`�-�`~L��J��N��

```
L�Y�#$�:�CL�-�#J�p�:�L��:��#L�p��LUJ��K��,�Lp:L�#LJ#�x:�L#JYp�:LQ�x#��`�� ����-�`�-
 �`��nw�`�nwln�N�~��Jn�#pS:J�x#�`~L��J��N��
                                                                                                                                                                                                                                     �#YJ�`���1:k�~F`熥
�#Y.]�
�#Y.J�
%�LC#Jwwp�LJ:�L�#J:�~�#�J�p�:Lp��x��`�����
~Ŷ`Ŷ~Ŷ`ŶŶŊŴŶ`ŶŊWLŊŶŊŶ~~ŶŶJŊŶ#ŊS;JŶX#Ŷ`~LŶŶJŶŶŊŶŶ
                                                                                                                                                                                                                                                                       �#Y.J�`���1:k�~F`熥
~Ŷ`Ŷ~Ŷ`ŶŶŒŶŶŢŶŊŊŊŶ~ŶŶĬŊŶ#ŊS:JŶX#Ŷ`~LŶŶĬŶŶŊŶŶ
                                                                                                                                                                                                                                                                       ~ $\ \Phi - \Phi \cdot \Phi \rightarrow 
                                                                                                                                                                                                                                                                       �#YJ�`��1:k�~F`熥
~Ŷ`Ŷ~Ŷ`ŶŶŊŴŶ`ŶŊWLŊŶŊŶ~~ŶŶŊŊŶ#pS:JŶX#Ŷ`~LŶŶJŶŶŊŶŶ
                                                                                                                                                                                                                                                                       �#YJ�`���1:k�~F`熥
~Ŷ`Ŷ~Ŷ`ŶŶŊĸŶ`ŶŊĸĿŊŶŊŶ~ŶŶĬŊŶ#ŊS;JŶX#Ŷ`~ĿŶŶĴŶŶŊŶŶ
                              ◆#YJ�L����N�YJ#Sp:9k������;8�#-����J:,LC�x`��-�熥-�`�-�`�Jk��L��J��N��
                              Ŷ#YJŶċJĸŶŶĹĸŶ#ŶŶ#N#LŶŶŶŶŶŶŊ:SN#LŶŶŶŶĸ-JŶŶŊ:SN#LŶĊŶŶŊŶĸŶĸŶ#ŶŶ#9ŶŶŶŶĴŦŶĨŶĠŔŶ
L; �#~�F~J��p:S�#p:L�;p:L#p:L�;p:��`~L��J��N��
                              Ŷ#YJŶ`pYSLkŶ#ŶŶ#N#LŶpŶN;Ŷ8LŶŶpSŶŶN;#ŶLpŶNŶŶpŶŶx<del>F</del>
##8#Ŷ;ŶĿŶ#ŶŇŶŶŗŶŗYJSŶ##;ŶSpwŶ#;QUŶŶ|EŶŶŶŒŶŶ#ŶĿJŶŇŶEŶŶ#p~ŶŗŶ:ŶĿŶŶ:Ŷwp#Ŷ#ŶŶJŶ
1 : k�~F1 : k�~F1
F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-
~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k
 �-F1:k�-F1:k�-F:\��-Დฬ฿ #�ユロ#^�######-�`�-�`������������� :N��-L�������;î
~�F~J��p:S�#p:L�;p:L#p:L�;p:��`~L��J��N��#YJ�`k�#J#���J-��XYJ:`�k�`�����~�`�
                                                                                       �#YJ�`k�Up#�LO�p�w`�k�`���熥~�`�-�`~L��J��N��
~$`~L$$J$$N$$
$\phi\rm \phi\rm \phi\
���#�#��;%#L�p�����ֈ����1:k�~FL#1:k�~FL��:�L�J#,�L��1:k�~FL �#8�`�J�`���፴~�`
�-�`~L��J��N��
                                                                                      Ŷ#YJŶ`Ŷ~J:LŶĊŶŊŶŶŶĠĸŔŶŶŶĠĸŶŊŶŶŶŊĬŢŶ#ŶĸŊŶŶŶŶĦŶŶ#ŶŶŔŶŶŶ
LÛHÔÔ# LÔ9ÔÔ8Ô`ÔJÔ1:kÔ~F#1:kÔ~F1:kÔ~F`JLÔ#ÔMNÔÔÔÔHÔÔ#_Ô8#Ô8Ô9;8 ÔÔHÔÔ#_LÔ8Ô9;8
   `�J�1:k�~FU��`��-J:�`���随~�`�~�`~L��J��N��
                              #$`�J�1;k�-F#1;k�-F1;k�-F`JL�#�wN�������Nh�:�wɒ#;#$ 炷��NiY�;�wɒ#?
�#YJ�`K�`p��p��p�:L#�J��Y�:��`�p�`�K�`p�1:K�-F`K�c�L~#�� LJ:�L~#���#W�L�pw�LJ:�L~#
�#YJ�L����N�YJ#Sp:9k�����N�:8�#-���`k#��:L+x:L��L8#:
%ŶĹĴŶĹ;#ŶŊĹӚŶĹ#ŶŶĴ~ŶŶXŶĴ:ŶĹ#Ĵ#ŶŶŶĹĹŶF`ĴĹŶ#ŶĸŊŶŶĴpŶĴ#ŶŶŶŶŊŶ;ŶĸŊŔ;#SŶŶŶĴ#ŶŶŶŊŶ;ŶĸŊŔ
◆#YJ$#$$$\tau_p$$\tau$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\tau_p$$\t
ŶŶ
                             �#YJ����J�L��J�L��##LJ:�L��L����L����L���Jk�LJL�#Jw�LJS�:�JL�w�#L�J��#L���JC�`������
   `���`�����`��WL��N�--��J��#pS:J�x#�`-L��J��N���#YJ�`���1:k�-F`燧
 ~Ŷ`Ŷ~Ŷ`ŶŶďĸŶ`ŶſĸĿŗŶŊŶ~~ŶŶJŗŶ#pS;JŶx#Ŷ`~ĿŶŶJŶŶŊŶŶ
                                                                                                                                                                                                                                                                      ②#Y.J�`���1:k�~F`熥
~\hat{\partial} \cdot\hat{\partial} \cdot\hat{
                              ◆#YJ�L�C��N�YJ#Sp:9k������;8�#-���c�J:,LCpx`��-�熥-◆`�-�`�Jk��L��J��N��
                              Ŷ#YJŶċJĸŶŶĿĸŶ#ŶŶ#N#ĿŶŶŶŶŶĿŶŊ:SN#ĿŶŶŶŶĿĴŶŶŊ:SN#ĿŶĊŶŶŊŶĸŶĸŶŶ#ŶŶŶŶŶĴĸŶĨŶ$Ŕ
 $#YJ$`pYSLk$#$$#N#L$p$N;$8L$$p$\$N;#$Lp$N$$$####$p;#8
2LQ#QNQQDQJSQ##;QSpwQ#;QUQQ|EQQQQQQQQQQQQDQQbb-QDQ;QLYQ:QMD#Q#QQJQ
1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F
F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-
~F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�
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~�F~J��p:S�#p:L�;p:L#p:L�;p:��`~L��J��N��#YJ�`k�#J#���J-��xYJ:`�k�`�����~�`�
~$`~L$$J$$N$$$
                                                                   ◆#YJ�`k�Up#�LO�p�w`�k�`���嗵~�`�-�`~L��J��N��
$\text{P} \text{P} \t
���#�#��;%#L�p����������1:k�~FL#1:k�~FL��:�L��1:k�~FL �#8�`�J�`���熥~�`
��`~L��J��N�� �#YJ�`�~J:L����N��������\��`JL�#�wN����H��#�����
LÛHŶŶ# LŶŶŶŶŶŶŶŶŶŢŶ1:kŶ~F#1:kŶ~F`JLŶ#ŶwNŶŶŶŶHŶŶ#_Ŷ8#Ŷ8Ŷ9;8 ŶŶHŶŶ#_LŶ8Ŷ9;8
  `�J�1:k�~FU��`��~J:�`���湖~�`�~�`~|��J��N��
                       Ŷ#YJŶ`Ŷ~J;LŶĊŶŶŇŶŶŶŶŔĸŶĬŶĸŶĬŶŶĬĿŶ#ŶĸŇŶYJPŶJ#ŶŶŶŶŶŶŒĸŴ##SŶŶŶĴ#ŶŶŶĬĸŶĸſĸſ#
#$`�J�1:k�-F#1:k�-F1:k�-F`JL�#�wN������Nh�:�wp#;#S 炷��NjY�:�wp#?
#S`�J�`��~J:�`���熥~�`�~�`~L��J��N��
Ŷ#YJŶ`ĸŶ`pŶŶĸŶĠŶĸŶ;Ŀ#ŶJŶŶŶŶŶŶŶŶŶŶŶŶŶĸŶ`ĸŶŢ;ĸŶ~F`ĸŶĊŶĿ~#ŶŶĿJ;ŶĿ~#ŶŶŶ#ĸŶĿŶĸĸŶĿJ;ŶĿ~#
�`�#�`�Jk��`~L��J��N����#YJ�1:k�~F`��-�\II-�`�-�`���\W�`�o\W�`~L��J��N��
                      �#YJ�L�C��N�YJ#Sp:9k�����;8�#-���`k#��:L+x:L��L8#;%�LJ�L;#��8Lë�LQJ�J���L
p����L1�F`JL�#�wN�YJp�:�J�J��N�:�-J#,��#$��:�J�J����-J#,��#$`�J�1$�FL�#���`��-�`
�#YJ�`JL:JY�N���Jŋ�|:���Y~��
`&~J:L&C&&N@N&:&9&p&&;;&#-&FW&:&9MJYp&C&&@#DJ&&J:&$9&@#DW&F&&&#O?;U&
%E��#pLQ�p�wL#�J~��xYJ:�L`��-J:�`�J�`�����—�`�-�`~L��J�����
                       �#YJ�`�~J:L�C��N���:�9�o��;;�#-�Fw�:�9wJYp�C���#DJ��J:�9��#pw�F���#�?;U�
%E��1: k�~F`��~J:�`���熥~�`�~�`~L��J��N��
                       $\text{$\psi$_\\psi$_\text{$\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\psi$_\p
%E��#���LY�#:p:S�1:k�~FL�Ldžx��L�p,�L��L-��J��L��:wp#YL���LUp#�LEp�#p��LJ:�L��:�L�J
#,L�xk��YYp����LY��p:SLp�L��D�LK��:���DCL��Ŷ%LJ�L�-YLJ�LC�x#L�wwp���`��-J:�`���Ji&
�`�-�`~L��J��N��
                       Ŷ#YJŶ`Ŷ~J:LŶĊŶŶŊŶĸŶ:ŶŶŶĸŶĿŶ#-ŶFĸŶ:ŶŶŊŊYŊŶĊŶŶŶ#ŊŶŶĴ:ŶŶŶŶĦĸĸŶFŶŶŶĦŶ?:UŶ
%E��1: k�~F`��~J:�`���熥~�`�-�`~L��J��N��
                       $\text{$\partial} \tilde{\partial} \cdot \tilde{\partial} \tilde{\partial}
%E��c�J:, LC�x�`��-J:�`���随~�`�-�`~L��J��N��
                       �#YJ�`�~J:L�C��N���:�9����;;�#-�F��:�9wJYp�C���#DJ��J:�9��#p��F���#�?;U�
%E��1:k�~F`��~J;�`���熥~�`�-�`�ɒw�`~L��J��N��
�#YJ�`�~J:L�C��N���:�9�p��;;�#~�F��:�9wJYp�C��#�$��L#�#p~���J:�9��#pw�F���#�?;U�
�Fw�:�9wJYp�C���#pJ��J:���#pw�F���#�?;U�%E��Op�CL�wL��:�L�J#,`��~J:�`���熥~�`�
                                                                   Û~ŶFWŶ:Ŷ9WJYpŶCŶŶŶ#DJŶÛJ:Ŷ9ŶŶ#DWŶFŶŶŶ#Ŷ?;UŶ
%E�����;�1;k�-FL��#9��#9��;;`��-J:�`��-�Ĭii-�`�-�`-L��J��N��
                       Ŷ#YJŶ`Ŷ~J;LŶĊŶŶŊŶĸŶ;ŶŶŶŌŶŶŶŶĸŶ;ŶŶĸŊŢ₽ŶĊŶŶŶ#ijŶŶJ`ŶŶŢĦĸŶŦŶŶŶ#Ŷ?;ŪŶ%ĔŶŶĬ
YJp�L`��-J:�`JL�#�wN�YJp�:�J�J����J#,��#$��`�-J:L�C��N�w�:�����
Û~ŶFWŶ:Ŷ9WJYDŶCŶŶŶ#DJŶŶJ:Ŷ9ŶŶ#DWŶŶŶ:ŶJŶJŶŶŶŶ:Ŷ~J#,ŶŶ#S`ŶŶ~J:Ŷ`ŶJŶ`Ŷ~J:LŶCŶŶNŶMŶ:Ŷ9
~\hat{Q}\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\cdot\d\
                       �#YJ�`�~J:L�C��N���:�9����;;�#-�F��:�9wJYp�C���#DJ��J:�9��#p��F���#�?;U�
%F��1:k�~F`��~J:�`���脯
~Ŷ`Ŷ~Ŷ`ŶŊĸŶ`ŶŊĸĿŶĊŶŶŊŶĸŶ#ŶŶ#ŶŶĸŶŧŶŶĦŶŶ#ŶŶ#ŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶŊŶĿ?|;|;|;L;Ŷ#~ŶF~JŶŶŊ:SŶŶŶ#-ŶĿ#p:L#
p:L#p:��`~L��J��N��
$\phi\rangle \cdot\phi\rangle \cdot\phi\
`�k�
 `�~J:L�C��N���:������;;�#-�F��:�9wJYp�C��OJ�pk#p���J:���#p����J:���#���
LZ`JLŶ#ŶwNŶYJpŶJ#ŶŶŶŶŶŶŶŶŶŶŶŶŶŊpŶJ#ŶŶŶŶŶŶŶŶ
```

#\$`�J�fL`k#�`k�#�:��`�k�Lc�x#��JC�L�JCL;��L8#;

```
ŶŶ`ŶJŶ1$ŶFFLŶŶŶ#LŶŶŶJ, pL1ŶF`JLŶ#ŶwNŶYJpŶ~ŶŶŶJ, pŶŶŶŊŶ<u>Z</u>¦:?Ŷ~ŶŶŶJ, pŶŶŶŊĴ
낖:�`�J�1$$FFL���:�C#��L���LL�F`JL�#�wNŶYJp�J�Y�p:�C#�Y�:�-J#,��#$��J�Y�p:�C#�Y�:
�~J#,��#S`�J�1S�FFLQJ�J���L
p����L1�F`JL�#�wN�YJp�:�J�J��N�:�-J#,��#S��:�J�J��N�:�-J#,��#S`�J�1S�FFL+�:��:�L��k
�#�L1�F`JL�#�M�YJp�+�:��:��:�\�:�-J#,��#$���+�:��:�Y�:�-J#,��#$`�J�1$�F`k#�`k����`���
LŶJ:Ŷ:ŶLŶŶL1ŶF`JLŶ#ŶwNŶYJpŶ#ŶwŶ#ŶpŶYŶ:Ŷwp#;#SŶŶ#ŶwŶ#ŶpŶYŶ:Ŷwp#;
#$`�J�1$$FFL0J#~�:��#$L���#L1$F`JL$#$wN$YJp�-�J#~�:��#$$$;$Uo#:
#$��-�J#-�:��#���:�Up#:#$`�J�1$�FFL+J�,�:�L�J����:L1�F`JL�#�wN�YJp�,#J�,�:���:�Up#
?#$��,#J�,�:���:�Uo##$`�J�1$@FFL#p�����,�L+�:L1@F`JL@#@wN@YJp�#�:��N�:�wo#?
#$��#�:����:$wo#;#$`�J�1$�FFLcpYLO#�Yp;L1�F`JL�#�w�ŶJp�#�Yp:�Y�C�#�;JW?
ŴYŶŶŶŶ#ŶYŊ;ŶYŶĊŶ#Ŷ;JW?ŴY`ŶJŶ1SŶFFL#ŶŶ~ŶJ;pŶĿĿŶĿŶŊŴ#ŶŶĹĹŶF`JĿŶ#ŶĸNŶYJpŶ#ŶŶ~ŶJ;p?;
#$`�J�1$�F`k#�`k�#xk#I�`�k�L��L#xk9Q�YYp����L���p:SL9L+x:�L
◆#YJ�1: k�~F`���熥~◆`�-�`�pw�`~L��J��N���#YJ����`���通
②#YJ�1:k�~F`��•婦
~\hat{\partial} \cdot\hat{\partial} \cdot\hat{
�#YJ�0�## p�:L9L1�x��F:���:S�#L`k�~x#�xp:S`�k�L���L#��x��L���,L��x#LJ~~#�WJ�Lw�
�#YJ�1:k�~F9L���#�L���xY:L��:�����
~Ŷ`Ŷ~Ŷ`ŶŶŒŶŶŶŒŊŊŶŊŶ~ŶŶĬŖŶĦŖS:JŶX#Ŷ`~LŶŶĬŶŶŊŶŶ
                                                                                                                                                               �#YJ�1:k�~F`��•�熥
~\hat{\partial} \cdot\hat{\partial} \cdot\hat{
                                                                                                                                                               �#YJ�1:k�~F`���熥
                                                                                                                                                               �#YJ�c�J:,LC�x`��◆熥-�`�
�pw�`�pwl p�N�-��Jp�#ps: J�x#�`~|��J��N���#YJ�1: k�-F`��-�\illia-�`�-�\�Jk��|��z������
                  Ŷ#YJŶċJĸŶŶĿĸŶ#ŶŶ#₩#ĿŶŶŶŶŶŶŊĠŊĸŊĸŊĸŊĸŊĸŊŶŶŶĸŊŶĸŊŔĸŊŧŶŶŦŶŶĸŶĸŶĸŶĸŊŶĸŶĸŊ
~ŶFkŶ#ŶŶ#Ŷ:Ŷ:ŶFkŶ#ŶŶ#9#pSŶŶŶŶŶŶ$LŶp:Ŷ‡?
�#YJ�`pYSLk�#��#N#L�p�N;�8L��p$��N;#�Lp�N���####�p;#8%�L�#�N��p�pYJ$�##;�Spw�#;QU��
| E����OO��\#�LJ�N�E��#O~�O�:�LY�:�wO#�#��J�
1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F
F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-
~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�
�~F1:k�~F1:k�~F`���熥~�`����������BLWJ�pS:N��~L�������;î
~�F~J��p:S�#p:L�;p:L#p:L�;p:��`~L��J��N���#YJ�`k�#J#���J-��xYJ:`�k�`�����~�`�
                                                     �#YJ�`k�Up#�LQ�p�w`�k�`�����~�`~L��J��N��
~�`~L��J��N��
Ŷ#YJŶŶ:ŶLŶJ#, LUp#ŶLŶ#ŶŶpŶ; LEpŶ#pŶŶ1; kŶ~FL#1; kŶ~F1; kŶ~F`JLŶ#ŶMŶŶ9J~~ŶŶ9ŶJŶJŶŶŶŶ#
���#�#��;%#L�p�����p����1:k�~FL#1:k�~FL��:�L��J#,�LQ�1:k�~FL �#8�`�J�`����~�`
ZŶHŶŶ# ĽŶŶŶŶŶŶŶŶŶŶŢŶ1:KŶ~F#1:KŶ~F`JLŶ#ŶĸŇŶŶŶŶHŶŶ#Ŷ8Ŷ9;8 ŶŶĦŶŶ# LŶŶŶ9;8
  `�J�1:k�~FU��`��~J:�`������~�`�-�`~L��J�����
                  #$`�J�1:k�-F#1:k�-F1:k�-F`JL�#�wN������NN�:�wp##$ 焜��NiY�:�wp#?
#S`�J�`��~J:�`���熥~�`�~�`~L��J��N��
Ŷ#YJŶ`ĸŶ`pŶŶĸŶĠŶĸŶ;Ŀ#ŶJŶŶŶŶŶŶŶŶŶŶŶŶŶĸŶ`ĸŶŢ;ĸŶ~F`ĸŶĊŶĿ~#ŶŶĿJ;ŶĿ~#ŶŶŶ#ĸŶĿŶĸĸŶĿJ;ŶĿ~#
�`�#�`�Jk��`~L��J��N�� �#YJ�1;k�~F`��-�J�~�`�-�`��ow�`�ow�`~L��J��N��
```

�#YJ�L�C��N�YJ#Sp:9k������:8�#-���`k#��:L�JCL:��L8#;

```
%ŶĹĴŶĹ;ŶŶ;ĹĔŶĹ#ŶŶĴ~ŶŶXYĴ;ŶĹ#Ĵ#ŶŶŶĹĹŶF`ĴĹŶ#ŶMŶŶĬĎŶĴ#ŶŶŶŶŶŶŶ;ŶĸſŎĦ;#ŚŶŶŶĴ#ŶŶŶŶŶŶĸŎĸŎĦ
~Ŷ`Ŷ~Ŷ`ŶŶŎĸŶ`ĸŶ,ŶxŶŶŶĿŶĊŶŶĸŶŶJ#Sp:9ŶŶ~ŶK#~ŶFYJ#Sp:9KŶŶŶŶĸŶK#~ŶŶŶ`ŶĸĸŶ`ŶĸĸŶ`ŶĸĸŶ`Ŷĸĸ
                                            `���`��pw�`�pwLp�N�--��Jp�#pS:J�x#�`~L��J��N���#YJ�1:k�~F`��-�樋
~$`$~$`$$dw$`$pwLp$N$~~$$Jp$#pS:J$x#$`~L$$J$$N$$
                                                                                                                                    LY��D:SL�D��L�XL�:L+x:�L���LJ�L�-YLJ�L�x#LJ�YD:D�#J�D��L�xwD�������
~Ŷ`Ŷ~Ŷ`ŶŶŒŶŶŒŶŶŶĸŶŶŊŶ~ŶŶŊŖŶ#pS:JŶX#Ŷ`~LŶŶŊŶŶŊŶŶ
                                                                                                                                   �#YJ�1: k�~F`��•�熥
~Ŷ`Ŷ~Ŷ`ŶŶŊ₩Ŷ`ŶŊ₩ĿŊŶŊŶ~~ŶŶJŊŶ#ŊS:JŶX#Ŷ`~ĿŶŶJŶŶŊŶŶ
Ŷ#YJŶŶĿŶJ:ŶŶŶĿŶŶĿŢŢŶĿĊŶĸĿŶŶ#ŶĿĴŶJ#ŶĿŶĸĿŶŶŶĿĸĴŶŶĿŶĴŶĿŶĴŶĿ;pSŶŶĿĦċĸŶŶŶĴĊĿĴĿŶŢ#Ŷ#pŶ
CLŶwLŶŶŶLIJp#ŶLVŶJ#ŶLWŶŶŶŶLp:LwJWŶ#LŶwL:ŶLŶ:SŶ#L~x#Ŷxp:SLŶŶŶL#ŶŶxŶŶLŶŶXŶKŶŶŁŶŶx,LCŶx#LJ~~
#ŶĸJŶĿĸŶ#ĹŊŶ~JŶŶĿĸŶŶŶŶĞŒĸĨĨ~Ŷ`ŶŶŶĬŶŶĬŶŶŎĸŶ`ŶŶĸĹŊŶŇŶ~ŶŶĴĸŶ#$;JŶx#Ŷ`~ĿŶŶĴŶŶŇŶŶ
               Ŷ#YJŶ1: kŶ~F`ŶŶ~ŶſĨ~Ŷ`Ŷ~Ŷ`ŶŶŒŴŶ`ŶŒWLŒŶŊŶ~ŶŶJŒŶ#OS: JŶx#Ŷ`~LŶŶJŶŶŊŶŶ
               �#YJ��:LJ��o�o�:�L��L�Jw�LJ��LZ|
~~��LJ��L�w�#��L��L��L��CH-���QQL#�Kxp��LJ:�L�-J:�LUp#�L#�J�p�:L%
%ŶĿĸŶĿŶŶŶĿŶŶĿŶĸŶĸŶĸĬĿ#ŶĸŶĿŶĸŴŧŧŶĿŶŶĿŶŧŔĬŶŶĿĬĿŶŶŶŧĠŶŧŶŶŧĸŊŶŶŶŧĸĬŶĸĸĸĸĸ
�L#�J�p�:L���L�p��L���L�������-J#�Y�:�LJ:�LUJ��k��,LJ�L�x#L:? LY��p:S�`��-�겼-�`
~$`$~$`$$p\\$`$p\\Lp$N$~~$$Jp$#pS:J$x#$`~L$$J$$N$$
~Ŷ`Ŷ~Ŷ`ŶŶŊŴŶ`ŶŊŊĹŊŶŊŶ~ŶŶJŊŶ#DS;JŶX#Ŷ`~ĹŶŶJŶŶŊŶŶ
                                                                                                                                    ②#YJ�1:k�~F`��•◆頒
~\hat{\partial} \cdot\hat{\partial} \cdot\hat{
                                                                                                                                    �#YJ�Up#�L�J#�J�L+�:L+��:
낌:LJ���:���L���LY��p:SLp:L���LKp����L��;pS��L#�SJ#�p:SL�#Jwwp�L�J�Yp:SLJ:�L�X�L��#
:XŶŶĹŶŶĹ;ŶŶĹp;ŶŶXŶŶĹŶŶŶĹĹp#ŶĹĔpŶ#pŶŶĹp;ĹYJŶŶŶ#ŶĹŶĸĹŶpS;pwpŶJ;ŶŶĹŢŶĹŢŶĹŢŶĹŶĴwŶĊĹĴŶ
LpQLJ~~QpQQLQQLWJ#pQxQL#QJQQJCLJ;QLQQQQHL~#Q#QEQLKQLQQQQ-Q#JQQQQL;QQQLQQLQQLQQLQQ
X��F���,Lk����PL��X:�p�L��YK�#LQJ#�:L�:���L:����L�J�LYp��p:S�`��-�随
~\hat{\partial} \cdot\hat{\partial} \cdot\hat{
                                                                                                                                    �#YJ�1:k�~F`��•�熥
Ŷ#YJŶ#₽Ŷ#ĿŶŶĿŶx#ĿYŶŶp:SŶĿŶĿŶĿŶĸŶĸĿĸĸŶĸŶĸŶĸŶĸŶĸŶĸŶĸŶĸŶĸŶĸŶĸŶĸŶŶŶŶĿŧŶwĸŶŶŶĿſSŶ:ŶJŶĿĸŶĿŶJŴ
�.] : | ���| �xk�] :��| �w| C�x#| #��x��|
LŶJYL+Ŷ:ŶŶL~xKŶpŶLŶŶſŶ:ŶŶL#ŶSJ#Ŷp:SLŶŶpŶLpŶŶſLJŶLCŶx#LOŶx:ŶpŶLſŶŶp:SL#ŶŶ;JŶŶŶLŶpŶŶ
LXQLJ:QLYJ:CLQQQQHQ`QQQHQ`QQQHQ`QQHQ`QQHQ`QQHQCQHQCHQQHQQHQQHQS:JQXHQ`~LQQJQQHQQ
              ◆#YJ�1: k�-F`��-�뙯-�`�-�`��⋈�`�pWLp�N�--��Jp�#pS: J�x#�`~L��J��N��
               �#YJ��LJYL��-n:SL��L�J#�L��L:�#YJ�p��L�x#L#��J�p�:�Lkx�L�x#L�p?;
LKŶĹJŶŶ#ŶŶŶŶŶĹſŶĹ#Ŷ~Jp#ŶŶĹŊ;ĹŶ#ŶŶ#ĹŶŶĹŶ#XŶĊĹŶŶŴŶĹŴ#ŶJ#Ŷ`ŶŶŶĬĨĨ
~Ŷ`Ŷ~Ŷ`ŶŶŒŶŶŒŶŶŶĸŶŶŊŶ~ŶŶŊŖŶ#pS:JŶX#Ŷ`~LŶŶŊŶŶŊŶŶ
                                                                                                                                   �#YJ�1:k�~F`���熥
~Ŷ`Ŷ~Ŷ`ŶŶŊ₩Ŷ`ŶŊ₩ĿŊŶŊŶ~~ŶŶJŊŶ#ŊS:JŶX#Ŷ`~ĿŶŶJŶŶŊŶŶ
Ŷ#YJŶŶĿďžXŶŶĿJŶŶĿŶ#Ŷ:SŶĊĿŶ:ŶŶX#JSŶĿĊŶXĿŶŶĿŶXŊŶ,ŶĊĿYŶWŶĿŴŦŶJ#ŶĿŶŊŶŶĿŶŶŊŶŶĿŶŶŊŶĿĿŶ
:��:��L~#�~��J�Lw�#LJ��p���:J�L�wp��#�Lw�x#��Lk�J��L��SJ#�������������L��:��:
SLŶX#ŶŶĿ#pŶĿJŶŶŶŶŶŶŶŶŶŶŊŶĿŊŶĿŶpŶŶĿŶJ,ŶĿŶďžĿĊŶJ#ŶĿŶŶĿJŶŶĸJŶŶĊĿŶJWŶĿŶŶŶŶŶĿŴĸĸĸĸŶŶ#ŶĿ
�:L���L�#��L��:��#:�LY�LK�JX��LC�XLJ#�LJ�#�J�CLK�p:�`����
~\hat{\partial} \cdot\hat{\partial} \cdot\hat{
                                                                                                                                   �#YJ�1:k�~F`��•�熥
~Ŷ`Ŷ~Ŷ`ŶŶŊŴŶ`ŶŊŴĹŊŶŊŶ~~ŶŶJŊŶ#pS:JŶx#Ŷ`~LŶŶJŶŶŊŶŶ
```

ŶĿŶŶĿŶJwŶĿŶp#ŶŶĿŶ#Ŀ:ŶŶĿwp#ŶwpŚŶŶŶ#ŶĿŶwŶ#ĿŶŶ#ŶŶĹĊŶJ#ŶĿŶ:Ŷ#ŶJŶp:SĿŶx#ĿŶJpŶĊĿŶJwwp:SĿk ĊĿŶĿ~Ŷ#Ŷ::ŶŶĿŶŶĿJĿYp:pYxYĿŶwĿŶ#Ŀ~Ŷ#Ŷ::ŶŶĿŶ:\ŶxŶĊĿ~Ŷ#ĿŶJĊĿJ:ŶĿkĊĿJŶŶp:SĿŶdžĿ:ŶŶĿx:pŶ

�L�:L���L|J�L#p��L�wL#pS��JCL;#;�`��熥

```
�#YJ�1:k�~F`���熥
~\hat{\partial} \cdot\hat{\partial} \cdot\hat{
~Ŷ`Ŷ~Ŷ`ŶŶĸŶŶĸŶ`ŶĸĸĿĸŶĸŶ~ŶŶĬĸŶ#ĸS:JŶx#Ŷ`~ĿŶŶĬŶŶŊŶŶ
                 �#YJ�#J�L��L, :��:Lp:L8#;#�LDz�:L#J���JCL�J�L~#�-�����J�L����
XŶŶĿŶJWŶĿĦXŶĿ~J#Ŷ:Ŷ#ŶŶĿŶpŶŶĿŶŶŶĸŶŶŶŶŶŶĿŶĿJ#ŶYŶ:ŶĿŶ:ĿJĿ#Ŷp:ŶĿŶxkŶpŶĿ#JwŶĊĿpY~JŶŶĿŴ
��L-�#�J-�L�Ldžx��:��Lk�L�#p�p:SL��p�LY���JS:�}`��-�樋
~Ŷ`Ŷ~Ŷ`ŶŶŊĸŶ`ŶŊĸĿŊŶŊŶ~ŶŶJŊŶ#pS:JŶX#Ŷ`~ĿŶŶJŶŶŊŶŶ
                                                                                                                                                        �#YJ�1:k�~F`��•�熥
~$`$\-$`$$ph\$`$p\\Lp$N$\~$$Jp$#pS:J$x#$`~L$$J$$N$$
p:SLw@#Lx:p&&L@AL;JWpSJ&&LS#p&&,L&#Jwwp&L&&&L&&&L&J$&Lw@#L&#J$&&C}LK&LYJCL&JW&L&X#L
: SI ��#�I w�#I �
%LCQJ#QLJ#QLQ#CQJQLQQQJ#QLQQLwxQQCLQx~~Q#QLQQ:QLQELJ:QLQQpQwL+Q:QQ:QQL~#Q~QQJQ`QQ
 `熥~�`�-�`��๗���ɒwLp�N�--��Jp�#pS:J�x#�`~L��J��N��  �#YJ�1:k�-F`��-�熥
�#YJ�c�J:, LC�x `��•◆熥~� `�-� `�
�pw�`�pwLp�N�-��Jp�#pS:J�x#�`~L��J��N���#YJ�1:k�~F`��-�牐-�`�-�`�Jk��J��N��
                 Ŷ#YĴŶċĴĸŶŶĹĸŶ#ŶŶ#N#ĹŶŶŶŶŶĴŶĴŚŊŧĹŶŶŶŶĴĴŶŊċŚŊ#ĹŶĊŶŶŊŶĸŶĸŶŶ#ŶŶ#ĴŶŶŶŶĴŶĨŶŶŶ
겠`�#�`��L�p�N;#%LWJ�pS:N��~L�C��N��p�� ~�Fk�#��#�:�:�Fk�#��#ps���������br$L�p:�‡?
L;�#~�F~J��p:S�#p:L�;p:L#p:L�;p:��`~L��J��N��
Ŷ#YJŶ`pYSLkŶ#ŶŶ#N#LŶpŶN;Ŷ8LŶŶpSŶŶN;#ŶLpŶNŶŶŶ####Ŷp;#8ŶŶLŶ#ŶŊŶŶĸŶpYJSŶ##;ŶSpwŶ#;OUŶŶ
| E���OO��\#�LJ�N�E��#p-�p�:�LY�:�wp#�#��J�
1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F
F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-
~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k
~�F~J��p:S�#p:L�;p:L#p:L�;p:��`~L��J��N��#YJ�`k�#J#���J#��J-��XYJ:`�k�`��-�熥~�`�
~�`~L��J��N��
                                                   ◆#YJ�`k�Up#�LO�p�w`�k�`���嗵~�`�-�`~L��J��N��
$\text{P} \text{P} \t
���#�#��;%#L�p�����ֈ����1:k�-FL#1:k�-FL��:�L�J#,�L�1:k�-FL �#8�`�J�`���፴-�`
                                                  �-�`~L��J��N��
ZŴHŶŶ# ĽŶŶŶŶŶŶŶŶŶĴŶ1;KŶ~F#1;KŶ~F^;KŶ~F^;DLŶ#ŶĸŇŶŶŶĤŶŶ#Ŷ8Ŷ9;8 ŶŶHŶŶ# LŶ8Ŷ9;8
 `�J�1:k�~FU��`��~J:�`���熥~�`�~�`~L��J��N��
                 #$`�J�1:k�-F#1:k�-F1:k�-F`JL�#�wN������Nh�:�wp#;#S 炷��NjY�:�wp#?
#S`�J�`��-J:�`���熥-�`�-�`~L��J��N��
Ŷ#YJŶ`ĸŶ`pŶŶĸŶĸŶ:L#ŶJŶŶŶŶŧŶŶĸŶŶĸŶ`ĸŶ`ĸŶ-F`ĸŶċŶL~#ŶŶ`LJ:ŶL~#ŶŶŶ#ŴŁŶĸŴĿĴ;ŶL~#
�`�#�`�Jk��`~L��J��N����#YJ�1:k�#�#� A�########�~F`��-�隨
�C��築
#Ŷ#Ŷ#ŶAAAAAAAŶŶŶA#ŶAA#?ŶAŶAYAŶALAAAA!
baa##AŶţŶa6#ţAŶnŶa##ŶAŶĎŶab#IAŶŶ#6##ŶAŶŽ$bAA HAŶ#bA!#AŶŶAŶŶAŶŢŶa
�A�d�AA��A�^A�^AA�##A��##A60#66NQA���bA&A�GbAQ��A���A��`A��bA#���A��A�-
bAŶ~AŶŶbA$ŶŶAŶŶŶŶŶŶĸŶŶĸŶL#GUŶŶŶŶĎAŒEAŶ*bA=Ŷ#AŶŢŶAЗWŶAŶŶĎAŶSAAŶAbA.SŶAŶ66!AAAAA!
�AAA [� |
ŶŶŶĴ:SŶĹŶŶŶſD:DŶ#ĴŶŊŴŶĹ##ŶX~ĹĦŮŶĔŶŇŶĦŨ8Ŷ#ŶĔŶĊŶ:NŶŶŊ~ŊŶ:ŶŶŶ:NŶĊſŶŶĴ,ŊAAAAADŶŶŶXV#Ġ#PŶ
A���'6AAAAAAA�NOp�CL�wL��:�L�J#,�xN|
ŶŶŶĴ;SŶĿŶŶŶſŎ;ĎŶĦĴŶŊŴĿ##Ŷx~ĿĦŮŶĔŶŶŶĦŮŜŶĦŶĔŶĊŶ;ŊŶŶŎ~ĎŶ;ŶŶŶŊŊŶſŶŶŊŊŶŎŶŶĴŊŎŶŶŶŊŎ
AŶAŶAŶAJA:ASAŶALAŶAŶAYAPA:APAŶAŶA#AJAŶAPAWAŶALA#A#AŶAXA~ALAHAUAŶAEAŶAVAŶA#AUA8AŶA#A
�AEA�ACA_A�A�A:ANA�A�A�ADA~ADA�A:A�A�A�A�A�A�A�A�A�A�A�A�A, ADA|Y�N��C�L�UL�|��L�ゾ�
                                                                   砫 N I�O#�
                                 # | L�E��
```

```
AŶĂŶĸŶĸJA, AŊAŶĸĹĸŶĸŶĸŶĸŶĸĸĸĹĸŶĸŶĬŶ#ŶċŶ'Ŷ, ťhŶŶ
%LAŶAŶAŶAJA, ADAŶALAŶAŶAŶAŶAŶAŶAŶAAAAADŶŶŶXV#G#PŶAŶŶŶ\6AAAAAAŶNODŶCLŶwLŶŶ;ŶŁŶJ#,ŶXN
ŶŶŶĴ:$ŶĿŶŶŶſD:₽Ŷ#ĴŶŊŴŶĿ##ŶX~ĿĦŨŶĔŶVŶ#Ũ8Ŷ#ŶĔŶĊŶ:NŶŶŊ~ŊŶ:ŶŶŶ:NŶŒŶŶĴ,ŊAŶAŶANAOĄŊAŶACAĿ
A�AWALA�A�A:A�A�ALA�AJA#A,A�A�AXANAI
AŶAŶAŶAJA:ASAŶALAŶAŶAYADA:ADAŶAŶA#AJAŶADAWAŶALA#A#AŶAXA~ALAHAUAŶAEAŶAVAŶA#AUA8AŶA#A
H \###; ��UQAA#X9}��##��.���M@AAAAAAD����XV#G#P�A���'6AAAAAA�NOp�CL�wL��:�L�J#.�J#.�XNI
���J:S�L��Yp:p�#J�pW�L##�x~LHU�E�V�#U8�#�E�c �:N��p~p�:���:NQQJ#�:AAAAAD���XV#G#P�A
���'6AAAAAA��NQp�CL�wL��:�L�J#,�xN|
���J:$�L��Yp:p�#J�pW�L##�x~LHU�E�N�#U8�#�E�c �:N��p~p�:���:NOOJ#�:AOAJA#A�A�A�A:A�A
LAŶAŶAOAJAŶAŶAŶA#ADA:AŶA\AŶAŶAŶANAOADAŶACALAŶAWALAŶAŶA:AŶAŶALAŶAJA#A,AŶAŶAXANA|
A�A�A�AJA:ASA�ALA�A�AYApA:ApA�A�A#AJA�ApAWA�ALA#A#A�AXA~ALAHAUA�AEA�AVA�A#AUA8A�A#A
�AEA�ACA_A�A�A:ANA�A�A�A�A�APA~ApA�A:A�A�A�A�A$A:ANAQAQAJA#A�A�A:A|YÛNQ�C�L�UL�|��L�ゾ�
砫 N I�O#�
                      # | L�E��

�#c��ci|L#����LHU�E�V�#U8�#�E�c �O N�|O∀�|

           N00∜©c®
ŶAŶAŶA:AŶALAŶAŶAQAJAŶAŶAŶA#ApA:AŶAŶjŶ#ŶcŶ'Ŷ.thŶŶ
%LAOAJA#AŶAŶAŶA?A?ĀŶALAŶAŶAQAJAŶAŶAŶAŶA#ADA:AŶAAAAADŶŶŶXV#G#PŶAŶŶŶŀ6AAAAAAŶNOpŶCĿŶwĿŶŶ
:���J#,�xN∣
���J:S�L��Yp:p�#J�pW�L##�x~LHU�E�V�#U8�#�E�c �:N��p~p�:���:NQQJ#�:A�A�ANAQApA�ACALA
�AWALA�A�A:A�A�ALA�AJA#A,A�A�AXANA|
AŶAŶAŶAJA:ASAŶALAŶAŶAYADA:ADAŶAŶAŶA#AJAŶADAWAŶALA#A#AŶAXA~ALAHAUAŶAEAŶAVAŶA#AUA8AŶA#A
�AEA�ACA_A�A�A:ANA�A�A�ADA~ADA�A:A�A�A�ACA:ANAQAQAJA#A�A�ACA:A�AAAAAA�AAA6AAA�AAA#
AAAL6AA�6AA#AAA6AA6AA&6AA&6AAXAAAAAAAAAA#6AAAAA��6AA#6AAL#AA&#AA6AAAAAA&AAA�AAA#AAA
X6AAA#AAAAAAAAAAAAAAAAAAAAAAAAA<del>��</del>#AAAAA��#AA66====#�AAAxAA&bAA�bAA�bAA�bAA�bAA�bAA�
AAAAAQAAAAAXQAA66====#HAAAUAtAV6B6:6#6#6~#Q#Q#Q#Qb#bbQ1QQQQQQQQQQQQQQQ
%ŶAŶnbAŶSAAŶAbA.SŶAŶ6pAYAJASAŶA#A#A;AŶA#A~ASA|ŶAAAAAA|
�AA�AAA====[�AA6AA&AAA�AA�A!
AAAL ATAKA�A<sup>T</sup>A�A�#';0#��######����LAAA�AA�#nAXA6A�A�A�A
           AŶAŶAŶAUAKAŶALA#AXAKA9AQAŶAYAYADAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶADA:ASALA9ALA+AXA:AŶALA
%ALAŶALAŶA~AYALA9ALAUApA#AŶALAŶAŶAYApA:ApAŶAŶA#AJAŶApAŶA:ALA9ALAŶA#AŶA~AŶAŶAŶAŶAŶA
ASA�A: A�AJA�E�#GgT6|YÛNQ�C�L�UL�| ��L�ゾ�ÈN|�Q#�
                                                                                                      # | L�E��
                                                                                                                             �#c��cil
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                                                                                                                  c��|
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AUAKAŶALAAAADŶŶŶXV#G#PŶAŶŶŶ'6AAAAAAŶNOŶĊŶĿŶUĿŶ|
                                                                                                      ��L�∜�‡ N |�O#�
                                                                                                                                        # | L�E��
           �#C��Ci|L#����LHU�E�V�#U8�#�E�C �O N�|OV�|
                                                                                                      c#�0
NŴď#ĊӜŶŶŶŶŶŶŶŊŊĄ, ADĄŶĄĹĄŶĄŶĄŶĄŶĄŶĄŶĄŁĄŶĄĄĄĄĄĎŶŶŶŊŀĘ#PŶĄŶŶŶŶĠĄĄĄĄĄŶŶŊŌſŶĊĹŶwĹŶŶĴĊŶĴ
# . �xN |
ŶŶŶĴ;SŶĹŶŶŶſĎ;ĎŶ#ĴŶſĬŴĹ##ŶX~ĹĦŮŶĔŶŶŶ#ŨŚŶŧŶĔŶĊŶ;ŇŶŶŊ~ſŶ;ŶŶŶ;ŇĴŶŶŶŊ;ŶĊ#ŶŔŶŔŶŔŶŔŶŔ
#AŶAŶALAŶAŶAŶAŶAŶAAAAEAAAAADŶŶŶXV#G#PŶAŶŶŶ'6AAAAAAAŶNOŶĊŶĿŶUĿŶ|
                                                                                                                             ��L�∜�Ħ N |�O#�
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                                  $\phi \cdot 
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$\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\
           ��L��� N | �0#�
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                                                                                           Y@NQ@c@L@UL@|
                                  ��L�∜�† N I�0#�
                                                                    # | L�E��
                                  C#ŶO NŶſ#CÄŶA|AŶAŶAŶANAOAŶACAŶALAŶAUALAŶA|A
           N�|0√�|
           AŶAŶALAŶAŶAŶAŶAŶAŶAŶAŶAŶANA|AŶAQA#AŶA A#A|ALAŶAEAŶAŶA AŶA#ACAŶAŶACAŶAŶA[
ALA#A�A�A�ALAHAUA�AEA�AVA�A#AUA8A�A#A�AEA�ACA_A�AQAANA�A|AQA�A�A\A ACA#A�AQA
           ANA PAEA PAOA PA
                                             ACA PAPA
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%ALAŶALAŶA~AYALA9ALAUApA#AŶALAŶAŶAYApA:ApAŶAŶA#AJAŶApAŶA:ALA9ALAŶA#AŶA~AŶAŶAŶAŶAŶA
ASAŶA: AŶAJA66TŶŶĦŶŶĬŶŶŶŶ 3.8ŶĬ ŶĿ6L JAŶAŶAŶANAOAŶACAŶALAŶAUALAŶAJA
               AŶAŶALAŶAŶAŶAŶAŶAŶAŶAŶAŶANA I AŶAOA#AŶA A#A I A LAŶAEAŶAŶA AŶA#ACAŶAŶAQAŶAŶA
ALA#AŶAŶAŶAŶAŶAŶAŶAŶAŁAHAUAŶAEAŶAVAŶA#AUA8AŶA#AŶAEAŶACA AŶAOAANAŶAŢAOAŶAŶAŶAŶAŢAŢACA#AŶAOA
              ANAŶAŶAŶA#ACAŶAŶAŶA\AŶAŶAŶANAQAŶACAŶALAŶAUALAŶA|A
              A PAPALA PAPAPAPAPAPAPANA | A PAPALA 
ALA#AŶAŶAŶAŶALAHAUAŶAEAŶAVAŶA#AUA8AŶA#AŶAEAŶACA AŶAOAANAŶA|AOAŶAŶAŶA|A ACA#AŶAOA
              ANAŶAŶAŶA#ACAŶAŶAŶAŶA\AŶAŶAŶANAOAŶACAŶALAŶAUALAŶA | A
               A PAPADADADADADANA | A PADAHADA AHA | A LA PAEADADA A PAHACADADADADANA | A PAHACADADADA
ALA#AŶAŶAŶAŶAŶAŶAŶAŶAŁAHAUAŶAEAŶAVAŶA#AUA8AŶA#AŶAEAŶACA AŶAOAANAŶA I AOAŶAŶAŶAŶA A CA#AŶAOA
               ANAŶAŶAŶA#ACAŶAŶAŶA`JkŶ% wJŶ8wŶŶŶĸJŶ;;;Ŷ;8Ŷ;8Ŷ;
�;�Y�:�~J#,��J�AAAAD���XW#G#P�A���'6AAAAAA�NQp�CL�wL��:�L�J#,�xN|
���J:S�L��YD:p�#J�pW�L##�x~LHU�E�V�#U8�#�E�C�:N��p~p�:���:NJ�Y�p:�C#�A�A�A�A:A�ACA
#AŶAŶALAŶAŶAŶAŶAŶAŶALAEA|YŶNOŶĊŶĿŶUĿŶ| ŶŶĿŶŰŶ N|ŶO#Ŷ
                                                                                                                                                                   %#c%Ci|
                                                                                                                                     # | L�E��
                                                                         N� I O∀� I
L#����LHU�E�V�#U8�#�E�c �O
                                                                                                       C#©O N©E©O©
                                                                                                                                                   c��|A|
AŶAŶAŶANAOAŶACAŶALAŶAUALAŶA I A AŶAŶALAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶA
                                                                                                                                                                 A#A I ALA�AEA�A�A
              AŶA#ACAŶAŶACAŶAŶALAHAUAŶAŶALAHAUAŶAŶAŁAHAUAŶAEAŶAUA8AŶA#AŶAEAŶACA AŶAOA
              ANAŶA|AQAŶAŶAŶA|A ACA#AŶAQA
                                                                                        ANA AEA AOA A
                                                                                                                                     ACA A A A
AŶA:AKAŶAŶAX#ŶŶGqT6#AXAKA9AOAŶAYAYApAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŊa:ASALA9ALA+AXA:AŶALA
%ALAŶALAŶA~AYALA9ALAUApA#AŶALAŶAŶAYApA:ApAŶAŶA#AJAŶApAŶA:ALA9ALAŶA#AŶA~AŶAŶAŶAŶAŶA
$AAA|$\H\##;$$$\BAAA\$\AAAA\$\AAA\$\AAA\$\AAA\$\AAA\$\AAA\$\AAA\$\AAA\$\AA\$\AA\A\$\AA\A\$\AA\A\$\AA\A\A\A\A\A
�AAA[�|H\##;��U AA6!AAAAA!�AAA[�|H\##;��Uv]AAX#��GgT6������\$\$\`A AJAKA �A%A
AWAJAŶA8AWAŶAŶAŶAKAJAJAŶA;A;A;AŶA;A A8AŶA A;A8AŶAŶA#AŶAQAŶAŶA
A�A;A�AYA�A:A�A�A—AJA#A,A�A�A�A�A�A`A�A�A;AQA�A�AUA�A9A%ABA#A|A9A�A A�AVA9A
AOAŶAŶA9AEAŶAOAŶAŶA;AŶAVA|
AŬAUAEAŶAYAŶA:AŶAŶAWApA#AŶAŶAŶA#ASAŶALA`AŶAUAŶAŶAQAUA;A#A9A#AŶAŶAEA9AŶA8AEAŶA9AVAŶA
ŶAŶA9AŶA0AŶAVA
AŶAŶAŶA8AŶAŶAŶAŶAŶAŶAŶAYAA, AŶAŶAWADA#AŶAŶAŶA#ASAŶAŶA`AJAKAŶAJAŶAŶAŶAŶA8AJAKA;AŶAŶAŶA8A A
%AŶAŶA AWAWAŶAŶAKAJAŶA#AŶAŶA8AŶAQAŶAŶA
AŶA;AŶAYAŶA:AŶAŶA~AJA#A,AŶAŶAŶAŶAŶAĴAŶAŶAŶAŶAŶAŶAŶAVAEAŶAVAŶA9A|AŶAŶAŶAŶA\A\A
AŴA%AŴA9AŴAŴAŴALAŴALAŴAWAŴAŴAWAAWAYAŴA;AŴAWADA#AŴAŴAWADA#AWAWALA`AUA AVAOAŴAŴA
%AUA9A�A�A�A�A�A�A�A�A A9AVA�AEA�A9A�A|A|A#A%A�A�A�A;A�A
A9AVAŶAEAŶA9AŶA|A|A#A%AŶAŶAŶAŶA`A AOAŶAYAŶA:AŶAŶAWADA#AŶAŶAŶAŴA#ASAŶAIY#
�aT6 8?�GaT6)Y#
$\text{9T6##0 #$\tilde{\text{$\tilde{\text{$\tilde{\text{$\tilde{\text{$\tilde{\text{$\tilde{\text{$\tilde{\text{$\tilde{\text{$\tilde{\text{$\tilde{\text{$\tilde{\text{$\tilde{\text{$\tilde{\text{$\tilde{\text{$\tilde{\text{$\tilde{\text{$\tilde{\text{$\tilde{\text{$\tilde{\text{$\tilde{\text{$\tilde{\text{$\tilde{\tilde{\text{$\tilde{\text{$\tilde{\text{$\tilde{\text{$\tilde{\tilde{\text{$\tilde{\text{$\tilde{\text{$\tilde{\tilde{\tilde{\tilde{\text{$\tilde{\text{$\tilde{\text{$\tilde{\tilde{\text{$\tilde{\tilde{\tilde{\tilde{\text{$\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{\tilde{
cl��,�U�D�*
ALAŶAJA:AJASAŶA#AdAŶAOApAŶACALAŶAWALAŶAŶA:AŶAŶALAŶAJA#A,AdAŶA
%A#A;ALA�AJAXA#A�A�ALA#A�A#A�A�A�A�A�A�A�A�A.A�AJA#A,A�ALA�ALA
AŶA#A8AŶAdAŶAHAŶAŶA#A ALAŶAŶA#A9AŶAŶA;A#AdAŶAJAŶAYAŶADA:AŶACA#AŶAŶAYAŶA:AŶAŶA~AJA#A
, AŶAŶA#ASAdAŶAdAŶAdAŶAUA#AŶAYAŶALA#AŶAŶAĴA~AŶAŶAŶAŶAXAYAJA: AŶALA#AJA#AŶAŶAŶALAZAYAJ
ADAŶAŶAŶAŶAŶAŶAJA#AŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAWADA#AŶAŶA#ASAFAdAŶA#AŶA:AŶAŶALACAXAŶAŶAŶAJA
CAŶALA+AXA:AŶALA#AŶAŶAŶAŶA?A:AŶACA#AŶAŶALAŶAŶAŶAŶALAEAAAADŶŶŶX/#G#PŶAŶŶŶ'6AAAAAAŶNQpŶ
CL�wL��:�L�J#,�xNI
���J:S�L��Yp:p�#J�pW�L##�x~LHU�E�V�#U8�#�E�c �:N��p~p�:���:NJ�Y�p:�C#�A�A�A�AJA,ApA
�ALA�A�A�A�A#ALA�AAAAAD���XV#G#P�A���'6AAAAAAA��NQ�C�L�UL�|��L�ゾ�ÈN|�Q#�
LŶEŶŶŶ#ĊŶŶċj|L#ŶŶŶŶĿĦŮŶĔŶVŶ#U8Ŷ#ŶĔŶĊŶONŶ|OYŶ|
                                                                                                                                     C#Q NQ g#cX A
AŶAŶAŶANAOAŶACAŶALAŶAUALAŶA IA AŶAŶALAŶAŶAŶAŶAŶAŶAŶAŶAŶAŊA IAŶAOA#AŶA A#A IALAŶAEAŶAŶA
              A PAHACA PAPACA 
               ANA�A|AQA�A�A�A|A ACA#A�AQA
                                                                                     ANA PAEA PAQA PA
                                                                                                                                     AŶAŶAŶANAQAŶACAŶALAŶAUALAŶA|A AŶAŶALAŶAŶAŶAŶAŶAŶAŶAŶAŶANA|AŶAQA#AŶA A#A|ALAŶAEAŶAŶA
              AŶA#ACAŶAŶACAŶAŶALAHAUAŶAŶAŁAHAUAŶAEAŶAVAŶA#AUA8AŶA#AŶAEAŶACA AŶAOA
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AŶAŶA#ALAŶAŶAŶAŶAŊA, ApAŶALAŶAŶAŶAŶAŶA#ALAŶAŶAŶAŶAĴA, ApAŶALAŶAŶAŶAŴA#ALAŶAJAŶAYAŶAPA: A
ŶACA#AŶAŶAYAŶA;AŶAŶA~AJA#A,AŶAŶA#ASAJAŶAYAŶADA;AŶACA#AŶAŶA;AŶAŶA;AŶAŶA~AJA#A,AŶAŶA#AS
AŶAŶALAŶAŶAŶAŶAŶAŶAŶAŶANA|AŶAQA#AŶA A#A|ALAŶAEAŶAŶA AŶA#ACAŶAŶACAŶAŶA[
ALA#AŶAŶAŶAŶALAHAUAŶAEAŶAVAŶA#AUA8AŶA#AŶAEAŶACA AŶAOAANAŶA|AOAŶAŶAŶA\A ACA#AŶAOA
        ANAŶAŶA#ACAŶAŶAŶAŶAŶAŶAAAAADŶŶŶXV#G#PŶAŶŶŶ\6AAAAAAŶNOŶĊŶĿŶUĿŶŀŶĸŶĸŶĸŊ
                        �#C��C||L#����LHU�E�V�#U8�#�E�C_�O N�|OY�|
$0#$ #|L$E$$
        NŶŒŒĊĸŶAĹAAAAAAŶA:A9AŶA#AVACANA8AFAŶAŶANAZAQAŶAEANA
%AŶAŶAŶAŶAKA9AWAŶAŶAŶA;A9AŶA AŶAŶA9A AŶAŶAWA9AŶA8A%AŶAŴAWAKAŶAŶAŴAŴAŶAŶAŶAŶA
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AŶAŶAŶA#A;A#A8AFAUAŶAŶAŶAŶAŶANAŶA
A�A�A#A�A�AFA�A�A#A�ApA�A:ANA�A�A#A�ApA�A:ALA;A�A�A#ALAHAVAXApA�A�ALA;A;A�A�A�A#A_A
ŶALA#AŶAJASAŶANA#A%AŶA:AŶA:AŶAŶA#A:AJAŶAQAŶAŶA|
AŴA;AŴAYAŴA;AŴAŴA~AJA#A,AŴAŴAŴAŴAŴAŴAWAŴA#AŴAZA;A#AŴAŴAŴAŴAŴAŴAŴA;A#AŴAſAŴAŴAŴA
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ADAŴA:AŴAdAŴALALA`AŴAŴAŴAŴADA:ASAŴAŴADADALALALALA `AŴAŴAŴADA:ASALA#AXAKA#AŴAŴANA
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ADAŶADAŶA: ANAŶA#AXAKA#AŶAŶAŶAŶAŶAŶAŶAGALALALALALALA `AŶAŶAŶAQAC: ASA#AŶA#ADA: ASAŶAUAKA
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%ALAŶALAŶA~AYALA9ALAUApA#AŶALAŶAŶAYApA:ApAŶAŶA#AJAŶApAŶA:ALA9ALAŶA#AŶA~AŶAŶAŶAŶAŶA
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AYAJADAŶAŶAŶAŶAHALAŶAŶANAŶAJAŶAYAŶADA:AŶACA#AŶAŶAYAŶA:AŶAŶA~AJA#A,AŶAŶA#ASAŶAŶAŶAŶA
�A:A�ACA#A�A�ALA�A�A�A�ALAEA`A�A|AYAJApA�A�A�A�A�AAA�ALALALALALALALALALA\`A|
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, ADAŶALAŶAŶAŶAŶA#ALAŶA`AŶA|AYAJADAŶAŶAŶAŶAŶAHAŶALALALALALALALALALALA
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$\a\partial A\partial A\pa
#A�ACADAYA�A#A#A#A�A A9A#A: A9A#A8ACA: A
%A�A#A#A�A#A#A*A`A�A#A�AJA#A�ACApAYA�A�AdA�ALALALALALALA\A\A\A:A�ACApAYA�A�A#A#A�A
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A�A�A#ApA:A�AAqAAA||AtA�A7A�A�6`6#6>6##�#�#$b"b#bG��è�!�!=!bnjn�n��K�4��#8#�#
#w�~'�##L###�#q#�###�#�###�#A # (���] ]�]k]#][]#����F�#�R�r*�* t:t�t
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AŶAŶALAŶAŶAŶAŶAŊAŶAŊAŶA;ANAŶAŶAŶAŶAŶAŶAŁŶAŶAĠAŶALALALALALALALA`AŶAŶA;AŶA#AŶA#AŊA;ASAŶA
�A�A#A�A�A�A�A�A�A�A`A`A�A�A�A:A�A#A�A:A�A#ApA:ASA�ALALALALALALALALA\`A�A#ApASApA:AJA�A�
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SAŶAHAŶAŶA#A_ALAŶA8AŶA9A A;A8A
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�A�A:A�A�AdA�ALALALALALALA\A`A�A�A�A�A:A�A�A�AdA�ALALALALALA\A\A\
AYAJADA�A�A�AdA�ALALALALALALALALA\`A|
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�A�AdA�ALALALALALALALALALA\A|
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%A#A;ALAŶAJAXA#AŶAŶA\A#AŶAŁA#AŶA#AŶAŶA�A�AŶAŶAŶA;AŶAŶALAŶAJA#A,AŶALAOAŶALA
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Apasa: Aja�axa#a�a�a�a
%A#A;ALA�AJAXA#A�A�ALA#A�A#A�A�A�A�A�A�A�A:A�A�ALA�AJA#A,A�ALA�A�ALA
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LALA`A|AYAJApA�A�A�AdA�ALALALALA\A|
�A�AdA�ALALALALALA\A\A\
AYAJAPA®A#AQA: ASA®AJA®AYA®ADA: A®ACA#A®A®AYA®A: A®A®A-AJA#A, A®A®A#ASA`A®A|
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LALALALALA`A|
AYAJADAQA#AQA#ADA: ASAQAdAQALALALALA`AQA|AYAJADAQAQALALA`AQA|
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AYAJADAQAHAQAQAQA`AQAQALAWAQALAWAQA#AQADAQA:ANAQA;AQAHAQALAQA:AQAQAQADA:ASANAQAXAQAWA
9A;AŶAŶAŶAŶAŶAĊAŶALAŶA#AŶA#AŶAŶAŶAQAŶALALA`AŶAŶA#AŶADAŶA;AŶA;AŶAŶA#AŶA#AŶA#A
AŶAPAŶA:AŶAdAŶALALA`AŶA#AŶAŶAŶAdAŶALALALALA`AŶA#AŶALA#AŶAJA#AŶAŶA;AŶAŶAŶANAŶA;AŶAŶA
AŶALAŶAŶAŶAŊAŶAŊAŶA;ANAŶAŶAŶAŶAŶAŶAŁACACA~AŶANAŶAŶA#AŶAŶAĠAŶALALALALALALA `AŶA#A
ŶA#AŶA#APA:ASAŶAŶAŶAŶAŶAŶAŶAŶAYAŶA.AŶAŶAWAPA#AŶAŶAŶA#ASA`AŶAŶA#AŶA#AŶA#AŶA#APA:ASAŶAdAŶALALAL
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�#6A!AA#�#6L!AA��#6�!AA��#6&!AA��#6�!AAl�#AAAAA#]�A#!AAb]#6X!
AAu]bA6AAA*##6��AA^#bAbAAA�#�A#!AA #�AAnAAV#�ALnAA�#bA!
6AA�#bAwAAA'#�A�nAA�#�A&nAA�#�A&nAA�#�A&nAA###6#nAA###6XnAA*##6#nAAt##6A�A�##A6AA���#A6AA
                      AA#ŶbA#ŶAAŶĸŶAAŶŶ#6&ŶAAŶŶĸŶAA/Ŷ#6#ŶAAŶŶbAŶAAŶŶŶAXŶAA?
> $\al\ \partit{\alpha} \alpha \alpha
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&#AA����#AA#�bA#AA��#6##AAZw�AX#AAqw�A##AAfw�AABw#6L�AA#wbA�AA#�bAAAAAt�#A6AAA
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AŶA;AŶAYAŶA:AŶAŶA~AJA#A,AŶAŶAŶAŶAŶAJAŶALAHA;A#AŶA#AŶAŶAŶA;AŶA_ALAKACALAQAŶAŶA|
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A�A;A�AYA�A:A�A�A-AJA#A,A�A�A�A�AJA�ALAHA;A#A�A�A�A�A;A�A_ALAKACALAQA�A�A|
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%A#A#AdAŶAOAŶA;AŶAŶA;AŶA9ACACA~AŶAŶALAJA~A~AŶADAŶAJAŶADAŶA;AŶAYAŶA9AŶA;AŶAWAFALA;AJ
AYAŶANAŶAŶADA:AYAJADAŶAŶAŶAŶAŶAŶAJAŶAOAŶA:AŶAŶA:AŶA9ACA#AJA:AŶAWAŶA#A9A|
A:AŶAŶAŶAPA:ASAŶALAKAPA:AJA#ACAdAŶAUA#AŶAYAŶALAŶAOAJAŶAJAŶAŶAŶALA
#AŶAŶAŶA:AŶALAŶAŶAOAJAŶAŶAŶA#APA:AŶAŶALA`AOAOAJA#AŶAŶA`A:AŶAYAŶA:AŶAŶA~AJA#A,AŶAŶA#
#A,AŶAŶA#ASAŶAdAŶAOAOAŶALAŶAŶAŶAŶAŶA.AŶACA#AŶAŶALAŶAŶAŶAÛALAEAŶALA`AJAŶAYAŶADA:AŶACA#
AŶAŶAYAŶA:AŶAŶA~AJA#A,AŶAŶA#ASAŶAŶALAŶAŶAŶASAXAŶA#AŶAŶAŶALA
ADAŶA, ALAŶAŶAĠAĠŶA#A`A:AYA~AŶASAXAŶA#AŶAŶAŶAŶAŶA:AŶAŶA~AJA#A,AŶAŶA#ASAŶAĠA&A#AXAKA#A
ŶAŶAŶAŶALAKA|AEA A|A#AEAŶAŶALAŶAŶA
%ALA9ALAUAPA#A�ALAEAPA�A�A#APA�A�ALA�AXAKA�A�AYAYAPA�A�A�ALAYA�A�A�APA:ASAdA�ACA�
A#A�AJA�A9AcA�A~ApA�A�ALAKA|AEA
                                            A | A#AEA�A�ALA�A�A
%ALA9ALAUApA#A�ALAEApA�A�A#ApA�A�ALA�AXAKA�A�AYAYApA�A�A�ALAYA�A�A�APA:ASAdA�ACA�
A#AŶAJAŶA9AŶA:AŶAŶAŶAŶAŶAŶAŶAŶAŶA+AQAŶAŶACAŶAKAQAŶA
AŶA#A#AUA8AŶAŶAŴAWA+A:AOAVAŶA#AŶAŶANANADAÔADANAÔADANAÔACA:AVACAŶALAŶALAŶALAŶALA
%AJA#A A�A�A;A;AkA�A�A�A�AKA8A%A�A#AKA�A�AJA�AJA�AQA�A�A
ŶA#AdAŶAQAŶA:AŶAŶA:AŶA9AŶAJA:ASAXAJASAŶAŶALAŶA:A9AŶA#ADAŶAŶA#A9A#AJAŶA9AŶAŶAŶA
A�A�A�A�AGA�AGAGAHAGA I
AUA9AOA�A#A#A�A�AJA�A�AHA�ALA`A�A&A�AWA�ABA#A8A%AJA#A A�A�A;A;AkA�A�A�A�A%AkA8A
A9AŶAŶA#AŶApAŶA:AŶALA;AŶA#AdAŶAŶA9AŶA#A9A|
```

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AŶAŶAŶAJA:ASAŶA9ACA#AJA:AŶA~AŶA#AŶA9AUA#AŶAYA|
A: A PADA PACA#A PAJA PAPA PALA#A PACAPAPAPA PA PAPAPA I
AŶAŶAŶAJA: ASAŶA9AŶA#ASAJA: ADAŶAJAŶADAŶA: A9AŶAŶAŶAŶAŶAŶAŶADAŶAŶAŶAŶAŶAŶAŶAŶAŶA
CAŶALAŶA#ADASADA: AJAŶADA: ASAdAŶAŶ
A9A�A#A9A|
AŶAŶAŶAJA:ASAŶA9AŶA#ASAJA:ApAŶAJAŶAJAŶACAA;A9AŶAXAŶAŶA#AŶAXA#AŶAŶAŶAŶALAOAŶAŶA
AŶA;AŶAYAŶA:AŶAŶA~AJA#A,AŶAŶAŶAŶAJAŶAdAŶAŶA9AŶA#A9A|
AŶAŶAŶAJA:ASAŶA9AŶA#ASAJA:ApAŶAJAŶADAŶA:A9AŶAXAŶAŶAŶAŶAŶAŶAŶA;ASA;AŶAŶA#A:AJAŶADAĠAŶAŶA9A
�A#A9A I
AŶAŶAŶAJA: ASAŶA9AŶA#ASAJA: ADAŶAJAŶADAŶA: A9AŶAXAŶAŶAŶAŶAŶAŶAŶAJA: ADAŶAYAŶALA#AŶALAŴA
9AŶA#ApASApA:AJAŶApA:ASA9AŶAŶAŶAŶALAZA;A#AŶA#AŶA;A#A#AŶA;AŶAŶAŶAFAdAŶAŶA9AŶA#A9A|
AŶAŶAŶAJA:ASAŶA9AŶA#ASAJA:ApAŶAJAŶApAŶA:A9A
           AŶAŶAŶAŶAHA, A9AŶAŶAŶAŶAŶAJASAŶA9AŶAŶAŶALA%A A AŶAŶAŶAŶA
ŶALA:AŶAŶAJAŶAJAŶAŶAŶAŶAŶAŶAYAŶA:AŶAŶA~AJA#A,AŶAŶA#ASAdAŶAŶA9AŶA#ASA|
A�A�A�AJA:ASA�A9A�A#ASAJA:ApA�AJA�ApA�A:A9A�A�A#A�AJAYA~A9A|
A:A�A�A#A~A#ADA�A�A�ALA;A�A#AdA�A�A9AQA8A�A#A�A�A�A�A�A�A�A�A�ALA�AJA%A%A%A�A#AKA
%A9A#A A�A�A9A�A�A�A�A�A�A;A9A�A�A#A A�A�A%A;A�A
\nabla B \hat{\mathbf{v}} + H + H + H + H \hat{\mathbf{v}} + \hat{\mathbf{v}
'AbûAû QAÛÛAÛ#ÛANÛLAÛÛbAÛÛ#AÛÛbAÛÛ#AÛÛbA5ÛÛAÛ#bAÛÛAÛÛ#6#ÛÛAÛÛLAÛÛQAÛ^#6ÛÛÛAÛ5bAÛÛ
~AŶG#6`ŶŶĸŶŶĦ6NŶĸŶŶŎĸŶŶ7ĸŶ#ŶĸŶ#ŴĸŶŶŊĸŶ#ŶĸŶŶŊĸŊ#ŶĸŶŁŊĸ<#ŶĸŶŶŊĸŹ#ŶĸŶŶŊĸŹ#ŶĸŶĸŶĸ₩ĸĸĸĸĸĸ
#A��.A6�bA^�#A��#65�#A�H#A��A6_�A������JA��HA��#A��HA��HA��HA��
����: b����8b���#���b���#A��##A�$hA6 #AI�UA6�������
           AŶAŶAŶAQAŶAXA:AŶADAŶALAŶASAŶA:AŶAJALAŶAŶAŶAYALA9ALA;A
%A9A8A�A#A9AQAQALA9ALA�A�A:A�A�ALA�AJA#A,ALA�A�A�A�A�A�ALAEA�A~AJA#A�AYA�A:A�ALA#A�
AJAWAWADA: ASALA|A: AŶAJA: AŶAYAŶA: AŶALA9ALA#AŶA~AŶAŶAYAKAŶA#ALA8AŶAŶALA8A#A; A
%A#AŶAŶAJA~AŶAŶAŶAŶAŶAXAYAJA:AŶALA#AJA#AŶAŶAŶAQAŶAXA:AŶADAŶALAŶASAŶA:AŶAJALAŶAŶAŶAŶAŶA
%A9A8AŶA#A9A0A0ALA9ALAŶAŶAŶA:AŶAŶALAŶAJA#A,ALAŶAŶAŶAŶAŶALAEAŶA~AJA#AŶAYAŶA:AŶALA#AŶ
AJAWAWADA; ASALA|A; AŶAJA; AŶAŶAYAŶA; AŶALA9ALA#AŶA~AŶAŶAŶAYAKAŶA#ALA8AŶAŶALA8A#A; A%A60
A FAŶAŶA?A: AŶACA#AŶAĆALAŶAŶAŶAŶAŶAŶAŶAŁAEAFA+AŶA: AŶAŶA; AŶALAŶAŶAŶAKAŶA#AŶA`AŶAŶAŶAŶAŶA
ŶAŶA A8AŶAŶAJAWAŶAŶAŶAŶAŶAŶAKAŶAWAWAJAWAWA
AŶAŶAŶAŊAŶA9AŶAŶA#AWA8A#A;AŶAŶAYAŶA:AŶAŶAWAŊA#AŶAŶAŶA#ASAŶAŴŶſſŶŶŶſŶŶŶŀŶŹŶŶŶŶŶŶŶ
: A ALA
%ALA9ALAUApA#A�ALA�A�AYApA:ApA�A�A#AJA�ApA�A:ALAHA�A~AYALA~A#A�A9AYA�ASALApA:ALAUAp
AŶAŶAKAŶAŶAŶAŢAQAJAŶAŢAŶAŶAŶAŶA
ADAŴAŴAŴAŴAŴAŴAWALA~AŴAYAŴALA9ALA#AXAKA9AQAŴAYAYADAŴAŴAŴAWAWAWAWADA:ASALA9ALA
%ALA9ALAUApA#A�ALA�A�AYApA:ApA�A�A#AJA�ApA�A:ALAHA�A~AYALA~A#A�A9AYA�ASALApA:ALAUAp
AŶAŶAKAŶAŶAŶA_A6Tgg#ŶvŶ#CŶJŶŶŶŶŶŶŶAŶAĊA:AŶACA#AŶAŶALAŶAŶAAALAEAŶAŶAJA,ApAŶALA
%A8AJAŶAŶAŶAWAŶAWAŶAWAŶAWAŶAWAŶAŶA AŶAKA AKAŶA;AŶAKA A AŶAŶAŶAŶAOAŶAŶA
                                                                                                                           A PAPAPAPA
AŶA;AŶAYAŶA:AŶAŶA~AJA#A,AŶAŶAŶAŶAŶAĴAŶAŶAŶFDŶVŶ!ŶvPŶĊŶAŶAŶAŶA
A�ALA#AXAKA9AQA�AYAYADA�A�A�A�ALA�A�A�ACABALA9ALA+AXA:A�ALA
%ALAŶALAŶA~AYALA9ALAUApA#AŶALAŶAŶAYApA:ApAŶAŶA#AJAŶApAŶA:ALA9ALAŶA#AŶA~AŶAŶAŶAŶAŶA
ASAŶA:AŶAJAQAJAŶAJAŶAŶAŶAŶALA
           ADAŶAŶAŶAŶA#AXAKA9AQAŶAYAYADAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶA
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ASAŶA:AŶAJA66TŶŶĦŶŶĬŶŶŶ?8ŶĬŶĿ6LŶ6EtXŶAXŶŶQAJA#AŶAŶAŶA:AŶALAŶAŶAQAJAŶAŶAWHAPA:A
```

%ALA9ALAUAPA#AŶALAEAPAŶAŶA#APAŶAŶALAŶAXAKAŶAŶAYAYAPAŶAŶAŶAŶALAYAŶAŶAŶAPA:ASA6TŶŶŶ! '`ŶT#f(ŶŶXŶ#gŶAŶAŶA:AŶACA#AŶAŶALAŶAŶAŶAŶAŶAŶAŶA\$AXAŶA#AŶAŶAŶALA

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#B bDb�b����_�L\!�!�n�n#n#���û#�����]#%#�#{#�##�a�)�J###7#�B UB�B #B�B``d�d#dDd
      Ŷ#ŶAAAAAAŶŶŶĸŶ6AA#ŶŶĸŶAhAŶALAAA#6AAAAAŶAŶĸŶĸŶŶŶŎŦŧĀŶ!ŶAGAIAŶbŶĸŦĸŶĸŶbĸŶAŶAŶAŶA
%A�����AHA�#�AVA��HAKA�A6d#A�AHA6�A~AEA��H6�A#A�
'Abûaû Qaûûûaû#ûanûlaûûbaûû#aûûbaûû#aûûba5ûûaû#baûûaûû#6#ûûaûûtaûûqaû^#6ûûûaû5baûû
~AŶG#6`ŶŶAŶŶ#6NŶAŶŶDAŶŶ7AŶ#ŶAŶ#ŶAŶŶDAŶ#ŶAŶŶDAM#ŶAŶLDA<#ŶAŶŶDA2#ŶAŶ#ŶAŶ#ŶAŶ#ŶAŶ#ŶAŶ
$\psi\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\partial(\partial)\parti
#AŶŶĸĠŶŊĸŶ#AŶŶ#ĠŶ₩ĠĠŶ#ĠŶĦ#ŔŶŊĸĠĠŶĸŶĸŶĸŶĸŶĸŶĸŶĸŶĸŶĸŢĸŶŶĦŔŶŶĦŔŶŶĦĠŶŶĠĠŶĸĠ
%ALAŶALAŶA-AYALA9ALAUApA#AŶALAŶAŶAYApA:ApAŶAŶA#AJAŶApAŶA:ALA9ALAŶA#AŶA~AŶAŶAŶAŶAŶA
ASAŶA:AŶAJAŶAŶAŶAŶAA,ADAŶALAŶAŶAŶAŶAŶA#ALAŶA#AXAKA9ADAŶAYADAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶA
LA9ALA+AXA: A ALA
%ALAŶALAŶA~AYALA9ALAUApA#AŶALAŶAŶAYApA:ApAŶAŶA#AJAŶApAŶA:ALA9ALAŶA#AŶA~AŶAŶAŶAŶAŶA
ASAŶA:AŶAJA66TŶŶĦŶŶĬŶŶŶ?38ŶĬ ŶĿ6ĿŶ6EtxQAJA#AŶAŶAŶA:AŶALAŶAŶAQAJAŶAŶAŶA#ApA:AŶAŶAŶ
A�A:A�ACA#A�A�ALA�A�A�A�ALAEAFAQAJA�AJA�A�A�A�ALA
                                                            ApAŶAŶAŶAŶA`AQA;AŶA
AŶAUA;AŶA9A#AEA AVA9AŶAVAŶAŶA9AŶA#AŶAŶA9AŶAŶAŶAŶAŶAŶA
%AUAŶAUAVAŶAŶAYAŶA:AŶAŶA-AJA#A,AŶAŶA#ASAŶAŶ}HŶĬŶ.O#OŶŶŶALAAAAŶALAŶAAAAAAAAAAAA
AA#AAA�AAA�>'��aT6#�.
ŶqT6IŶAAL6AAA6AAAAAAAAAAAA#AAA6AAAT>'ŶŶqT6AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
###UADA#AŶALAŶAŶAYADA:ADAŶAŶAŶA#AJAŶADAŶA:ALA9ALAŶA#AŶA~AŶAŶAŶAŶAŶAŶA$ASAŶA:AŶAJAŶAŶAŶAŶ
JA, ApAŶALAŶAŶAŶAŶAŶA#ALAŶA#AXAKA9AQAŶAYAYApAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶA
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ASAŶA:AŶAJA66TŶŶHŶŶĬŶŶŶ?RŶI ŶĿ6LŶ6EtxOAJA#AŶAŶAŶA:AŶALAŶAŶAOAJAŶAŶAŶA#ADA:AŶAŶAŶAŶ
A�A:A�ACA#A�A�ALA�A�A�ALAEAFAQAJA�AJA�A�A�A�ALA
                                                            ApAŶAŶAŶAŶA`AQA;AŶA
AŶAUA;AŶA9A#AEA AVA9AŶAVAŶAŶAŶA9AŶA#AŶAŶA9AŶAŶAŶAŶAŶAŶAŶA
%AUAŶAUAVAŶAŶAYAŶA:AŶAŶA~AJA#A,AŶAŶA#ASAŶAŶ}HŶ<sup>J</sup>Ŷ.O#QŶŶŶALAAAAŶALA&AAAAAAAAAAAAAA
AA#AAA�AA�>'��aT6#�.
ŶqT6IŶAAL6AAA6AAAAAAAAAAAA#AAA6AAAT>'ŶŶqT6AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAQ��#*AAAdaAAI A t A e 6�6�#�#�b&b�b�b#��b�b#�
#D#X�#�######\`��Y�L�Y�:�MV�x#:���YJ�9Yp�#��M�9��Y�MY�L�Y�릚 N�x#:���
ŶŶĬŶŶŶ₽Ŷ#ŶŶĸŶŶŶŶŶŶĸĸ₽ŶĸĸŖŶŶĿŶŶŶ:ŶŶŊŶx#:Œ
ŴY JŶŶŢĠŦŶŶĸŶŶŶŶŶĸĸŊŶŶŶŶĸĸŊŶŶŶĸĦŦŶŶ;8ŶŶŶŶĹŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶ
09��Y��#��`��J�`Y�JL���-9��XDWNO�:��:�9CC-�L��:��:�N���
YŶFĿŶŶĴ#ŶŶŊĸŶŶĴŶppŶŶ`YŶĴĿŢĴŶŶŊ#ŶŢŶ#ĴŶŶ#ĿŶŶŢŶŶŢŶŊŶŶſŶĸŶĿŔŶ#ŶĿŢŶĿĦwpŶŶ#ŶŶĿŶŶŊĸŶŢŶ
Ŷ`}99ZpwL}YŶfŶ`ŶĊŶŶWpŶŶLŶĸŶJWpŶ#Ŷx#ŶH?ŶŶWJXŶ?ŶŶŶFŶŎſŶŶLŶĸŶJWpŶ#Ŷx#ŶH?ŶŶWJXŶ?
��� F�d��d��L�K�JMp�#�x#�H?��WJX�?��� F�dĎJ~�L�K�JMp�#�x#�H?��WJX�?
��� F�d�`����`}Z�:�ɒwf99�`�C��``\99d����L��;�LE�wp:p�p�:�L��dx�;�9wJ��d�#�x�;�9wJYp�
C��QJYk#pJL�J���Fd�#~J:���9;�8L�L�L�L�L�L�L£QL�L$L�F�dw:�9wJ��d�#�w:�9wJYp�C�QJ�pk#p
FdQ#~J:QQQ9;Q8L;QLQL8L8L8LQLQLQLQFQdWQ:Q9wJQQdQ#QwQ;Q9wJYpQCQQ#Q9QQL#Q#p-QQFdQ#~J:Q
ŶŶŶŶŶŶĹ;;LŶĹŶĹŶĹĸĹĦĹĦĹĦĹŖĹŶŦŶďŶŶŶĹĦŶŎŶŶĹĔŶĸŊĿŖŶŊŶĿŶĹŶŶďŶŶŶŶŶŦŢŢŶŶĹŶŊŶŶŶ
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�#YJ**��**L�pW���

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�#YJ�d�#�YJ#Sp:�#p:Fd�#YJ#Sp:9k�������###;~�Fd�#w�:�9�p��;8�#-�Fd�#w�:�9wJYp�C��cpY
��L ��L��YJ:����#pwF�d�J��p:,�L�-J:���#C-�#�p:,d�#�Y���C��-#p�#p�C�
#$#$$$\$\$\$\$
Fd�#���#�~x#~��Fd�#� 9�\ #J�p�:�x:��#�p:�F�d��-J:�|YJp�#�C��:
%d�#�Y�9�C��9�C~�~�#�:J�Fd�#w�:�9wJYp�C���#pJ���J:�9��#pwFd�#����#�?;U�
YJp�#�C��;�d�#�Y�9�C��9�C-�-�#�:J�9#�-�CFd�#w�:�9wJYp�C���#pJ���J:�9��#pwFd�#����#?
;U�
<sup>%</sup>EFdQ#w$`$9$$p$$$$;$#YJ$Fd$#w$`$9$C$$;$#YJ$F$Ğ$$O$$-E$wJx$d$#$Y$9$C$$9$C-$$$#$9$;$
CFd�#w�:������;#�#-�F�d~JS�LK�#�# p�:;d�#��p��
Ŷp;L;;Ŷ#p;FdŶ#YJ#Sp;Ŷ;Ŷ#p;L;Ŷ#p;L;Ŷ#p;L;Ŷ#p;FŶdŶŶdWKŶ#Ŷ#;pŶ;;dŶ#Ŷ~JSŶKŶ#Ŷ#;pŶ;;FŶ
dŶ99Ŷ`ŶŶĊŶŶ`}99ZpwLSŶŶLYŶLŦŶ`ŶYŶdŶ`ŶŶŶJ-ŶŶŴJXŶŶLŴNŶŶŶŊŶŶLŶ-₽ŶYJŶNŶ;#8
ŁĿŶďŶ`ŶŶŶ`}ZŶ:Ŷpwf99Ŷ`}99ZpwLSŶŶĿŶŶĿſŶ`ŶŶŶďŶ`ŶŶŶJ-ŶŶJCŶxŶĿŴ
@J~��JC�x��`�Y�`}Z�:�pwf99�`��J�`k��CL�J:SN|
                90#L0p:,Nk0x0LW0p:,N~x#~00`0pWL00J00NK0#0# p0:;0`~L00J00N00
                �#YJ�`�~J:L�C��N���:�9�p��;;�#~�Fw�:�9wJYp�C���#pJ���J:�9��#pwF���#�?;U�
%E��#���LY�#;p;SLOJ���#p;�LJ;�L���#�L`��-�)緬~�`��-J;�`�-�)`~L��J�����
                �#YJ�`�~J:L�C��N���:�9�p��;;�#~�Fw�:�9wJYp�C���#pJ���J:�9��#pWF���#�?;U�
%E��`���1:k�-F`熥-�`��-J:�`�-�`~L��J��N��
                �#YJ�`�~J:L�C��N���:������;;�#-�Fw�:�9wJYp�C���#J����J:�9��#MF���#WF���#$?;U�
%E��+x�LJLw#p�:��CL#�Yp:��#L��J�L���LUp#�LEp�#p��L�xk��YYp����LY��p:SLp�L��p�LK��:�
%Ŷ1;kŶ~FLKŶLŶĸŶŶLŶJĸŶĿJĿ~#ŶŶŶŎ;SĿĴŶĿŎĸŶĊĿ#ĴŶŶĿĸĸĦŶĿĴŶĿŶ~YĿĴ;ŶĿŶŶŶ;ĿŚŶĿŶĸŶ#ĿŶŶĿŶŶŶ
LUp#�LEp�#p��L�wp���Lw#L���LY��o:SLJ�L�-Y�`�������-�`��-�`~L��J��N��
                �#YJ�`�~J:L�C��N���:�9�p��;;�#~�Fw�:�9wJYp�C���#pJ���J:�9��#pwF���#P;t�
%E��`���1:k�-F`熥-�`��-J:�`�-�`~L��J��N��
                $\text{$\psi$_1: L\partial C\partial O\partial N\partial N\partial N\partial C\partial O\partial C\partial C\partial O\partial C\partial O\partial C\partial O\partial C\partial C\partial
%E��c�J:, LC�x�`��ゆ/@~�`��~J:�`�-�`~L��J��N��
                �#YJ�`�~J:L�C��N�M�:�9�p��;;�#-�FM�:�9wJYp�C��#pJ���J:�9��#pwF���#pwF���###?;U�
%E��`���1:k�~F`熥~�`��~J:�`���`�zw�`~L��J��N��
                �#YJ�`�~J;L�C��N���;������:;�#-�Fw�;��»JYp�C��#�$���L#�#p-��F���;!��%E��
                p����LOJ�J��`��~J;�`�~J;L�C��N�w�;���ɒ��
Q~ФFwФ:Ф9wJYpФCФФФ#pJФФФ]:Ф9ФФ#pwFФФФ#ф?;UФ%EФФ`ФФ-Ф\@~Ф`ФФ-J:Ф`Ф-Ф`~LФФJФФNФФ
                �#YJ�`�~J:L�C��N���:�9�p�� $�Fw�:�9wJYp�C���#pJ���J:�9��#pwF���#$?;U�
%E��Qp�CL�wL��:�L�J#, `��-�I�-�`��-J:�`�-�`~L��J������#YJ�`�-J:L�C��N�w�:�9���� (6
�FW�:�9WJYp�C���#pJ���J:�9��#pWF���#0?;U�%E�����:\1:k�-FL��#9��#9��;;`��-�酒-�`��
~J:�`�-�`~L��J��N��
                                                                 Ŷ#YJŶ`Ŷ~J:LŶĊŶŶŊŶĸŶ:ŶŶŶŊŶŶ
Û~ŶFWŶ:Ŷ9WJYDŶCŶŶŶ#DJŶŶŶJ;Ŷ9ŶŶ#DWFŶŶŶ#Ŷ?;UŶ%EŶŶ|
YJp�L`��-J:�`JL�#�wN�YJp�:�J�J����J#,��#$��`�-J:L�C��N�w�:�����
Q~QFWQ:Q9WJYpQCQQQ#pJQQQJ:Q9QQ#pWQQ:QJQJQQYQ:Q-J#,QQ#S`QQ-J:Q`QJQ`Q-J:LQCQQNQWQ:Q9Q
pŶŶŶŶŶĸŶĸŶĸŶŶŶŊŢŗŶĊŶŶŶĦĸĬŶŶŶĬŧŶŶŶĬĸĸĔŶŶŶĦŶŶĸŶŶĸŶŶĿŶŶĿŶŶĸŊŢŶŶŶĸŢſĿŶŶŶŊŶĸŶŧŶŶŶŶŶŶ
~Ŷ`��~J:�`�~�`��pw�`~L��J��N��
                 �#YJ�`�~J:L�C��N���:�9�p��;;�#~�Fw�:�9wJYp�C���#pJ���J:�9��##DWF���#�?;U�
%E��`���1:k�~F`熥
~Ŷ`ŶŶ~J:Ŷ`Ŷ~Ŷ`ŶpWŶ`ŶpWLŶCŶŶMŶĸŶ#ŶŶ#Ŷ:Ŷ:ŶFKŶ#ŶŶ#9ŶŶŶŶŶŶŶŶPŶL?|;|;|;L;Ŷ#~ŶF~JŶŶp:SŶŶŶ#~
ŶL#p:L#p:L#p:ŶŶ`~LŶŶJŶŶNŶŶ
�#YJ�`K�`�-J:L�C��N�w�:�����;;�#-�Fw�:�9wJYp�C��OJ�pk#p���J:�9��#pw��U#�Y�`��-J:�`
�k�`�~J:L�C��N���:�����;;�#~�Fw�:�9wJYp�C��OJ�pk#p���J:�9��#p���L#��J-��xYJ:�L#J#�
#$`�J�fL`k#�`k�#�:��`�k�Lc�x#��JC�L�JCL;��L8#;
%L;�ÔLƏ`k#�`k�c��`�k�LOJ�LOJ#�;L1�F`JL�#�wN�YJp�J���J��:�Y?ÛY���J���J��
\hat{\mathbf{Q}}\mathbf{Y}^{*}\hat{\mathbf{Q}}\mathbf{J}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\mathbf{J},\mathbf{D}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\mathbf{J},\mathbf{D}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\mathbf{J},\mathbf{D}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}}\hat{\mathbf{Q}
낖:�`�J�1S�FFL���:�C#��L���L���L���L���L���L���L����:�C#�Y�:�~J#,��#S��J�Y�p:�C#�Y�:
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DŶŶŶŶĹĹŶF`JĹŶ#ŶĸŊŶŶſĎŶ;ŶĴŶĴŶĬŶŶŶŶŶŀŶĿĴ#,ŶŶ#ŚŶŶ;ŶĴŶĴŶŶŶŶ;Ŷ~J#,ŶŶ#$`ŶĴŶſŚŶFFL+Ŷ;ŶŶ;ŶĹŶŶK
 Ŷ#ŶĿĹŶF`JĿŶ#ŶĸŇŶŶJpŶ+Ŷ;ŶŶ;ŶŶ;ŶŶŶ;Ŷ~J#,ŶŶ#SŶŶŶŀŶ;ŶŶ;Ŷ^J#,ŶŶ#S`ŶJŶſSŶF`k#Ŷ`kŶŶŶŶŶ
LŶJ:Ŷ:ŶLŶŶL1ŶF`JLŶ#ŶwNŶYJpŶ#ŶwŶ#ŶĸŶ#ŶĸŶŶ:Ŷwp#;#SŶŶ#ŶwŶ#ŶĸŶ#ŶĸŶŶ;Ŷwp#;
#$`�J�1$�FFLQJ#~�:��#�L���#L1�F`JL�#�wN�YJp�-�J#~�:��#���:�Up#?
?#$��,#J�,�:���:�Uo##$`�J�1$@FFL#p�����,�L+�:L1@F`JL@#@wN@YJp�#�:��N�:�wo#?
#$��#�:����:$wp#;#$`�J�1$�FFLcpYLQ#�Yp:L1�F`JL�#�wN�YJp�#�Yp:�Y�C�#�:JW?
#$`�J�1$�F`k#�`k�#xk#I�`�k�L��L#xk9Q�YYp����L���p:SL9L+x:�L
%L�LŶ~YL9LUp#�L��Yp:p�#J�p�:`���熥~�`��~J:�`�~�`��pw�`��pw�`~L��J��N��
                         �#YJ�`���1:k�~F`熥~�`�~�`�pw�`~L��J��N���#YJ����`�����
~Ŷ`Ŷ~Ŷ`ŶŶŒŶŶŶŒŶŢŶŊŊŶ~ŶŶĬŖŶ#pS:JŶX#Ŷ`~LŶŶĬŶŶŊŶŶ
                                                                                                                                                                                                                     �#YJ�`��1:k�~F`熥
~\hat{\partial} \cdot\hat{\partial} \cdot\hat{
Ŷ#YJŶQŶ## pŶ:L9L1ŶxŶŶF:ŶĿŶ:SŶ#L`kŶ~x#Ŷxp:S`ŶkŶĿŶŶŶĿ#ŶŶxŶŶĿŶŶĿŶŶŶ,LCŶx#ĿJ~~#ŶWJŶĿWŶ
�#YJ�1:k�~F9L���#�L���xY:L��:�����
~Ŷ`Ŷ~Ŷ`ŶŶŊĸŶ`ŶŊĸĿŊŶŊŶ~~ŶŶJŊŶ#pS:JŶx#Ŷ`~ĿŶŶJŶŶŊŶŶ
                                                                                                                                                                                                                      �#YJ�`���1:k�~F`熥
~\hat{\partial} \cdot\hat{\partial} \cdot\hat{
                         �#YJ�CLJ~��Sp���Lp���L�J��`�����
~Ŷ`Ŷ~Ŷ`ŶŶŒŶŶŒŶŶŶĸŶŶŊŶ~ŶŶŊŖŶ#pS:JŶX#Ŷ`~LŶŶŊŶŶŊŶŶ
                                                                                                                                                                                                                      �#YJ�`���1:k�~F`熥
~ $\dagger$-\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\dagger$\d
                                                                                                                                                                                                                     �#YJ�c�J:, LC�x`��◆熥~�`�-�`�
�pw�`�pwLp�N�—��Jp�#oS; J�x#�`~L��J��N���#YJ�`��-$1; k�-F`熥-�`�Jk��J��J��N��
                         Ŷ#YJŶċJĸŶŶĿĸŶ#ŶŶ#N#ĿŶŶŶŶŶĿŊŊ:SN#ĿŶŶŶŶĿŶŶŶŊ:SN#ĿŶĊŶŶŊŶĸŶ#ŶŶ#ŶŶŶŶŶĴĿŶĨŶ$Ŕ
7; `$#$`$$L$D$N;#%LWJ$pS:N$$~L$C$$N$$D$$$ ~$FK$#$$#$:$:$FK$#$$#$#pS$$$$$D$D:$#?
L; $\p\ - \p\ F - J \partial p\; S\p\ : L\p\; p\; L\p\; p\; L\partial p\; \p\; \p\partial \partial p\; D\partial p
                        Ŷ#YJŶ`pYSLKŶ#ŶŶ#N#LŶpŶN;Ŷ8LŶŶpSŶŶN;#ŶLpŶŊŶŶpŶŶx#Z
1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-
F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-
~F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV-F1:kV
~�F~J��p:S�#p:L�;p:L#p:L�;p:��`~L��J��N��#YJ�`k�#J#���J-��XYJ:`�k�`�����~�`�
~$`~L$$J$$N$$$
                                                                       �#YJ�`k�Up#�L��p�w`�k�`������~�`~L��J��N��
Ŷ#YJŶŶ:ŶĿŶJ#, LUp#ŶĿŶ#ŶŶpŶ:LEpŶ#pŶŶ1:kŶ~FL#1:kŶ~F1:kŶ~F`JĿŶ#ŶĸNŶŶ9J~~ŶŶ9ŶJŶJŶĴŶŶŶ#
ZŶHŶŶ# ĽŶŶŶŶŶŶŶŶŶŶŢŶ1:KŶ~F#1:KŶ~F`JLŶ#ŶMŶŶŶŶHŶŶ#Ŷ8Ŷ9;8 ŶŶĦŶŶ# LŶŶŶ9;8
  `�J�1:k�~FU��`��~J:�`���随~�`�~�`~L��J��N��
                        #S`�J�1:k�~F#1:k�~F1:k�~F`JL�#�wN��������Nh�:�wp#:#S焜��NjY�:�wp#?
#S`�J�`��-J:�`���熥~�`�-�`~L��J��N��
�#YJ�`k�`p��p��p�:L#�J����:��`�p�`�k�`p�1:k�-F`k�c�L~#�� LJ:�L~#���#M�L�pM�L]:�L~#
�`�#�`�Jk��`~L��J������#YJ�1:k�~F`������-�`�-�`�����`�L��J������
                        �#YJ�L�C��N�YJ#Sp:9�#
ŶŴŴŶŶ#######3AŶ#ŶAAAAAAAAŶŶŶAAAA#ŢŶAŶAŶACALAAAAAAAAAAŶAGAI AŶÞŶAŶA`AŶĦŶA~AŶAŶĨŊAŶŶŶ
```

```
%ŶĹĴŶĹŢŶŶŢĹĔŶĹ#ŶŶĴ~ŶŶXŶĴŢŶĹ#Ĵ#ŶŶŶĹĨŶF`ĴĹŶ#ŶĸŇŶŶĴpŶĴ#ŶŶŶŶŊŶŢŴijĸŖŦŚŶŶŶĴ#ŶŶŶŶŊŶŢŴijŔ
~Ŷ`Ŷ~Ŷ`ŶŶďŴ`KŶ,ŶxŶŶŶŶĸŶŶŊŊĠĸŶŊ#Sp;9ŶŶ~ŶK#~ŶFYJ#Sp;9KŶŶŶŶŶŊŶK#~ŶŶŶ`ŶďŴ`ŶďŴ`ŶſſŴ`ŶſſŴ
                                                               Φ#YJΦ0Φx:ΦρΦLΦΦYΚΦ#ΦLOJ#Φ:ΦLΦΦΦJ,pLJ:ΦLΦJ:JSΦ#LΦΦΦ:ΦC#Φ`ΦΦΦΦ@—Φ
�`~L��J��N��
  `���`���������L��N����J��#pS;J�x#�`~L��J��N���#YJ�`���1;K�-F`熥
                                                                                                                                                                                               �#YJ�K�L�.Lw�#�J#�L��L�x#L:?
~Ŷ`Ŷ~Ŷ`ŶŶŊŴŶ`ŶŊWLŊŶŊŶ~~ŶŶJŊŶ#ŊS;JŶX#Ŷ`~LŶŶJŶŶŊŶŶ
LY��p:SL�p��LC�xL�:L+x:�L%��LJ�L�-YLJ�L�x#LJ�Yp:p�#J�pW�L�wwp���`�� ��通
~\hat{\partial} \cdot\hat{\partial} \cdot\hat{
                                                                                                                                                                                               �#YJ�`���1:k�~F`熥
~\hat{\partial} \cdot\hat{\partial} \cdot\hat{
Ŷ#YJŶŶŁŶĴ;ŶŶŶĸŶŶĸŢŶĸŢŢĸŢĸŢĸŢĸŢŶijŦŶĸŢŶŊŢĸŶĸŢŶŖĸŢŶĸŢŶĸŢŶĸŢŶĸŢŶĸŢŶĸŢŶĸŢŶĸŢŶĸŢŶĸŢŶ
CLŶwLŶŶŶLUp#ŶLWŶŶŶLWŶŶŶŶLD:LwJWŶ#LŶwL:ŶLŶ:SŶ#L~x#Ŷxp:SLŶŶŶ\#ŶŶxŶŶLŶŶŶŶ,LCŶx#LJ~-
#�WJ�Lw�#LpY~J��Lw�����Ma��`���`��Dw�`�pWLp�N�--��Jp�#pS:J�x#�`~L��J��N��
                      Ŷ#YJŶŶ:LJŶŶŊŶŊŶ:ŶĿŶŶĿŶJŴŶĿJŶŶĬZĬ
~~��LJ��L�w�#��L��L��Y-����CL#�kxp��LJ:�L�~J:�LUp#�L#�J�p�:L‱LK�L���L��
LŶpŶXŶŶĿJĿ#Ŷp:ŶĿŶĸĸŶ#ŶĿŶŶĿŶ#ŶJŶŶĿĴĿŶYŶ#SŶ:ŶĊĿŶŶ#MpŶŶŶĿĸJŶpŶpŶĊŶĿŶ#ĿUp#ŶĿ#ŶJŶpŶ:ĿŶŶŶ
L�p��L���L����L���L��-J#�Y�:�LJ:�LUJ��k��,LJ�L�x#L;? LY��o;S�`��-�旙
~Ŷ`Ŷ~Ŷ`ŶŶŊŊŶ`ŶŊŊĹŊŶŊŶ~ŶŶŊŊŶ#ŊS;JŶX#Ŷ`~ĹŶŶŊŶŶŊŶŶ
                                                                                                                                                                                              ②#Y.J�`���1:k�~F`熥
~Ŷ`Ŷ~Ŷ`ŶŶŊĸŶ`ŶŊĸĿŊŶŊŶ~~ŶŶJŊŶ#pS:JŶx#Ŷ`~ĿŶŶJŶŶŊŶŶ
Ŷ#YJŶŶŶŶŶŶŶĸĿŢĸĸŶŶŶŶŶĸĸŶŶŶŶĸŊŧŶĿŊŧŶŶĸŶŶŶĿŊŧŶĸ#ĿIJŊ#ŶĿŶŶJ#ŶĿŶĴĿŶĬĊĿŢŶĸŶŶĸŶĬŶŶŶŶŶŶŶŶĸĿŶĸ#Ŀ
��k9�p��L�:L+x:��L���LIJ#�LV�J#�L�p��L���k�#J��L���L:���L��L�:��LJSJp:L�wwp�pJ��C
~\hat{\partial} \cdot\hat{\partial} \cdot\hat{
                                                                                                                                                                                               �#YJ�`��1:k�~F`熥
~Ŷ`Ŷ~Ŷ`ŶŶŊŴŶ`ŶŊWLŊŶŊŶ~ŶŶJŊŶ#ŊS:JŶX#Ŷ`~LŶŶJŶŶŊŶŶ
                                                                                                                                                                                               �#YJ�Up#�L�J#�J�L+�:L+��:
낆:LJ���:���L���LY��p:SLp:L���LKp����L��;pS��L#�SJ#�p:SL�#Jwwp�L�J�Yp:SLJ:�L�X�L��#
ŶXSŶŶĿŶ÷ŶĹJSJp:LŶŶŶĹĔpŶ#pŶŶĿŶĴŶĿŶŶĿŶp#ŶĊĿ÷ŶŶpwpŶŶĿŶwĿŶŶpŶĿŶŶŊ;SŶĿĊŶĿQpŶĊĿŶŶ÷Ŷp
: X��L��L:��Lp:�����LD:���LD#�LEP�#p��Lp:LYJ���#�L�ML�pS:pwp�J:��LJ:�L~Xk�p�L�JM�CLJ�
LpQLJ~~QpQQLWJ#pQxQL#QJQQJCLJ:QLQQQQHL~#Q#Q#QLKQLQQQ-Q#JQQQQL;QQQLQQLQQLQQLQQ
X��F���,Lk����KLQ�X:�p�L��YK�#LQJ#�:L�:��L:����L�J�LYp��p:S�`�����
~\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\dagger\
                                                                                                                                                                                              �#YJ�`��1:k�~F`熥
~Ŷ`Ŷ~Ŷ`ŶŶŊŴŶ`ŶŊWĹŊŶŊŶ~~ŶŶĬŊŶ#pS:JŶX#Ŷ`~ĹŶŶJŶŶŊŶŶ
Ŷ#YJŶ#₽Ŷ#ĿŶŶĿŶx#ĿYŶŶp:SŶĿŶĿŶĿŶĸŶĸĿĸĸŶĸŶĸŶĸŶĸŶĸŶĸŶĸŶĸŶĸŶĸŶĸŶĸŶŶŶŶĿŧŶwĸŶŶŶĿſSŶ:ŶJŶĿĸŶĿŶJŴ
�J:L���L�xk�J:��L�wL��x#L#��x���
L�JYL+�:��L~xk�p�L��YY�:��L#�SJ#�p:SL��p�Lp��YLJ�LC�x#LQ�x:�p�LY��p:SL#��:J���L�p��
Lx�LJ:�LYJ:CL����#�`����� - � `��oh� `�pwl.p�N�--��Jp�#pS:J�x#�`~L��J��N��
                      �#YJ��LJYL��-p:SL��L�J:L�J#�L��L:�#YJ�p��L�x#L#��J�p�:�Lkx�L�x#L�nz!
#p$J$L$$;w$r$$A$Jw$L$#$J$$$H_$P$$#$$\_$$#$$\_J;$L_$$r$o$r$$;$L$;LK$$$A$v$$$A$J$L$$J$K$r$$$L;$$$A$$
Lk�LJ��#�����LJ:�L#�~Jp#��Lp:L�#��#L��L�#x�CLY�W�Lw�#�J#�`���随
~\hat{\partial} \cdot\hat{\partial} \cdot\hat{
                                                                                                                                                                                              �#Y.J�`���1:k�~F`煽
Ŷ#YJŶŶĿĠžĸŶŶĿJŶŶĿŶ#Ŷ:SŶĊĿŶ:ŶŶx#JSŶĿĊŶxĿŶŶĿŶxpŶ,ŶĊĿYŶŴŶĿŴ#ŶJ#ŶĿŶpŶŶĿŶŶŷŶŶĿŶŶŷŶĿĿŶ
:��:��L~#�-��J�Lw�#LJ��p���:J�L�wp��#�Lw�x#��Lk�J��L��SJ#�����������Lwx:�p:
SLŶX#ŶŶĿ#pŶĿJŶŶŶŶŶŀŶŶŶŶŊĿŶŶĬŶĿ₽ŶĿŶpŶŶĿŶJ,ŶĿŶďžĿĊŶJ#ŶĿŶŶĿJŶŶĸJŶŶĊĿŶJWŶĿŶŶŶŶŶĿĠĸĸĸĸŶŶ#ŶĿ
~Ŷ`Ŷ~Ŷ`ŶŶpWŶ`ŶpWLpŶNŶ~~ŶŶJpŶ#pS:JŶx#Ŷ`~LŶŶJŶŶNŶŶ
                                                                                                                                                                                              ②#Y.J�`���1:k�~F`熥
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~\hat{\partial} \cdot\partial \hat{\partial} \partial \hat{\partial} \hat{\par

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CLŶL~Ŷ#Ŷ::ŶŶLŶŶLJLYp:pYxYLŶwLŶ#L~Ŷ#Ŷ::ŶŶLŶ:LŶxŶCL~Ŷ#LŶJCLJ:ŶLKCLJŶŶp:SLŶdžL:ŶŶLx:pŶ
���:L���L|J�L#p��L�wL#pS��JCL;#;�`��◆熥
~Ŷ`Ŷ~Ŷ`ŶŶŊŴŶ`ŶŊWLŊŶŊŶ~~ŶŶJŊŶ#ŊS;JŶX#Ŷ`~LŶŶJŶŶŊŶŶ
                                                                                                                                                                �#YJ�`��1:k�~F`熥
~$`$~$`$$p\\$`$p\\Lp$N$~~$$Jp$#pS:J$\x#$`~L$$J$$N$$
                  �#YJ�#J�L��L,:��:Lp:L8#;#�LDz�:L#J���JCL�J�L~#�-�����L��J�L����
XŶŶĿŶJWŶĿĦXŶĿ~J#Ŷ∶Ŷ#ŶŶĿŶŊŶŶŶŶŶŶŶŶŶŶŶŶŶŶĿŶĿJ#ŶŶŶ÷ŶĿŶĿĿJĿ#ŶŊ÷ŶĿŶĸĸŶŊŶĿ#JWŶĊĿŊY~JŶŶĿŴŶ
��L-�#�J-�L�Ldžx��:��Lk�L�#p�p:SL��p�LY���JS:@}`��-�樋
~Ŷ`Ŷ~Ŷ`ŶŶŊĸŶ`ŶŊĸĿŊŶŊŶ~~ŶŶĬŊŶ#DS;JŶX#Ŷ`~ĿŶŶĴŶŶŊŶŶ
                                                                                                                                                                ②#Y.J�`���1:k�~F`熥
~�`�-�`��pw�`�pwLp�N�--��Jp�#pS:J�x#�`~L��J��N��
Ŷ#YJŶ#Ŷ#ŶŶLŶĊĹĸŶŶŶŶŶſĿŶijŶŶĿŶŶĿŶĬ;ŶŶĿ#ŶŶĊĿŶ;Ŀ~ŶŶijŶŶĿŶĸĸijŶŶ#ŶĿŶŶĴŶĿŶ;ŶŶĿŶijŶĿŶĬŶĿŶĬſŶ
p:SLw$#Lx:p$$L$$C:JWpSJ$$LS#p$$,L$#Jwwp$L$$$L$$$L$$$Lw$#L$#JS$$C}LK$LYJCL$JW$L$x#L
�pww�#�:����Lkx�LYCL�-�p��LDz�:Lp�L��Y��L��L���#$�:�CLwp���L�-�#J�p�:�LJw��#Ldž#,p
: SL��#�Lw�#L�
%LCQJ#QLJ#QLQ#CQJQLQQQJ#QLQQLwxQQCLQx~~Q#QLQQ;QLQELJ:QLQQpQwL+Q:QQ;QQL~#Q~QQJQ`QQ~
 `熥~�`�-�`�bw�`�bwLp�N�--��Jp�#pS:J�x#�`~L��J��N��  �#YJ�`���1:k�-F`熥
~Ŷ`Ŷ~Ŷ`ŶŶďĸŶ`ŶſĸĿſŶŊŶ~ŶŶĬŊŶ#ŊS:JŶX#Ŷ`~ĿŶŶĴŶŶŊŶŶ
                                                                                                                                                                �#YJ�c�J:, LC�x`��◆熥~�`�-�`�
�pw�`�pwLp�N�-��Jp�#oS; J�x#�`~L��J��N���#YJ�`��-$1; k�-F`緇-�`�Jk��J��J��������
                  Ŷ#YJŶċJĸŶŶĿĸŶ#ŶŶ#N#ĿŶŶŶŶŶ-JŶp:SN#ĿŶŶŶŶ-JŶŶp:SN#ĿŶĊŶŶŊŶĸŶ#ŶŶ#9ŶŶŶŶJ-ŶĨŶŶŶ
7; `$#$`$$L$D$N;#%LWJ$pS:N$$~L$C$$N$$D$$$ ~$FK$#$$#$:$:$FK$#$$#$#pS$$$$$D$D:$#?
L; $\p\ - \p\ F - J \partial p\; S\p\ : L\p\; p\; L\p\; p\; L\partial p\; \p\; \p\partial \partial p\; D\partial p
                  �#YJ�`pYSLk�#��#N#L�p�N;�8L��p$��N;#�Lp�N���####�p;#8
2LQ#QNQQDQJSQ##;QSpwQ#;QUQQ|EQQQQQQQQQQQQDQQA;QLJQNQEQQ#D-QDQ;QLYQ;QMD#Q#QQJQ
1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k�-F1;k^*F1;k^*F1;k^*F1;k^*F1;k^*F1;k^*F1;k^*F1;k^*F1;k^*F1;k^*F1;k^*F1;k^*F1;k^*F1;k^*F1;k^*F1;k^*F1;k^*F1;k^*F1;k^*F1;k^*F1;k^*F1;k^*F
F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-F1:k�-
~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�~F1:k�
�~F1:k�~F1:k�~F`���熥~�`���������8LWJ�pS:N��~L��������ĵî
~�F~J��p:S�#p:L�;p:L#p:L�;p:��`~L��J��N��#YJ�`k�#J#���J-��XYJ:`�k�`�����~�`�
~@`~L@@J@@N@@
                                                     �#YJ�`k�Up#�LO�p�w`�k�`��∮牖~�`�~�`~L��J��N��
�#YJ��:�L�J#,LUp#�L�#��p�:LEp�#p��1:k�-FL#1:k�-F1:k�-F`JL�#�wN��J--��9�J�J���#
���#�#��;%#L�p�����ֈ����1:k�-FL#1:k�-FL��:�L��1:k�-FL �#8�`�J�`���熥-�`
�-�`~L��J��N��
                                                   �#YJ�`�~J:L����N����H�K�J�,��`JL�#�wN����H��# �8#$9��8
LÛHŶŶ# LŶ9ŶŶ8Ŷ`ŶJŶ1:kŶ~F#1:kŶ~F1:kŶ~F`JLŶ#ŶMŶŶŶŶHŶŶ#_Ŷ8#Ŷ8Ŷ9;8 ŶŶHŶŶ#_LŶ8Ŷ9;8
  `���1:k�~FU��`��~J:�`���牐~�`�~�`~L��J��N��
                  Ŷ#YJŶ`Ŷ~J;LŶĊŶŶŇŶŶŶŶŔĸŶĬŶĸŶĬŶŶĬĿŶ#ŶĸŇŶYJPŶJ#ŶŶŶŶŶŶŒĸŴ##SŶŶŶĴ#ŶŶŶĬĸŶĸŒĸ
#$`�J�1:k�-F#1:k�-F1:k�-F`JL�#�wN�������Nh�:�wp##$ 焜��NiY�:�wp#?
�#YJ�`K�`p��p��o�:L#�J��Y�:��`�p�`�K�`p�1:K�-F`K�c�L~#�� LJ:�L~#���HW}LÐpw�LJ:�L~#
�~�#�CLw#�YL���LpY~J��L�wLwp#��L�p�J��#�Lp:#x#CLJ:�Lp��:���`�K�`�p�`������~�`�
�`�#�`�Jk��`~L��J��N�� �#YJ�1:k�~F`��-�樋
$\text{PA$\ara$\ara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dara$\dar
! baa##AŶtŶa6#tAŶnŶa##ŶaŶbŶab#| AŶŶ#6##ŶaŶŶbaA HAŶ#ba! #AŶŶAŶŶAŶĨŶa=
ŶĸŶĊŀŶĸĸŶĸŖŶŶĸĸŶŶĸĸŶ##ĸŶŴĸŶĦĸĠŨĦ66ŊŶĸŶŶŊĸĬŖĸŶŶŊĸĠŶĸŶĠŶĸŶŶŶĸŶŶŶĸŶŶŊĸŶŶŊĸŶŶŊĸ
�AQLbAQ#AQ}bA$QQAQQQAAQQAGQHQQQAQQHQQQAQQAAA!
�AAA [�] H### : ��U
�AA#X9}��##��,��K@AAAAAAAD���XV#G#P�A���'6AAAAAA��NQp�CL�wL��:�L�J#,�xN|
���J:S�L��Yp:p�#J�pW�L##�x~LHU�E�V�#U8�#�E�c �:N��p~p�:���:NQQJ#�:AAAAAD���XV#G#P�A
���'6AAAAAAA�NQp�CL�wL��:�L�J#,�xN|
ŶŶŶĴ:SŶĹŶŶYp:pŶ#ĴŶpWŶĹ##Ŷx~ĹĦŮŶĔŶVŶ#U8Ŷ#ŶĔŶĊŶ:NŶŶp~pŶ:ŶŶŶ:NOOJ#Ŷ:AOAJA#AŶAŶAŶA;AŶA
LAŶAŶAOAJAŶAŶAŶA#ADA:AŶA|AŶAŶAŶANAOADAŶACALAŶAWALAŶAŶA:AŶAŶALAŶAJA#A,AŶAŶAXANA|
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AŶAŶAŶAJA:ASAŶALAŶAŶAYAPA:APAŶAŶA#AJAŶAPAWAŶALA#A#AŶAXA~ALAHAUAŶAEAŶAVAŶA#AUA8AŶA#A
ŶAEAŶACA_AŶAŶA:ANAŶAŶAŶAŶAPAA~ApAŶA:AŶAŶAŶAŶAŶAŶA\AJA#AŶAŶAŶA?A:A|YŶNQŶCŶĿŶUĿŶ|ŶŶĿŶゾŶ
砫 N I�O#�
                # | L�E��
                                N00Ÿ�c�
AQAQAJA#A�A�A�A:A�AYA�A:A�A�A~AJA#A,A�A�A#ASAQAJA#A�A�A:A�ALA�A�AQAJA�A�A�A#ADA:A
ŶALAHAQAQAJA#AŶAŶAŶA:AŶAYAŶA:AŶAŶA~AJA#A,AŶAŶA#ASA_AQAJA#AŶAŶAŶA:AŶALAŶAŶAQAJAŶAŶAŶAŶ
; AŶAYAŶA; AŶAŶA—AJA#A , AŶAŶA#ASA  AAAAADŶŶŶXV#G#PŶAŶŶŶ\6AAAAAAÂŶNODŶCLŶWĹŶŶ;ŶLŶJ# ,ŶXN I
���J:S�L��Yp:p�#J�pW�L##�x~LHU�E�V�#U8�#�E�c �:N��p~p�:���:NQQJ#�:A�A�ANAQApA�ACALA
ŶAWALAŶAŶA:AŶAŶALAŶAJA#A,AŶAŶAXANA
AŶAŶAŶAJA:ASAŶALAŶAŶAYADA:ADAŶAŶAŶA#AJAŶADAWAŶALA#A#AŶAXA~ALAHAUAŶAEAŶAVAŶA#AUA8AŶA#A
ŶAEAŶACA AŶAŶA:ANAŶAŶAŶAPADA~ApAŶA:AŶAŶAŶAŶAŶAŶAAOAOAJA#AŶAŶAŶAŶA.6!AAAAA!ŶAAA[Ŷ]
H \###; ��Uv}AA�����������AAAAAAD���XV#G#P�A��� GAAAAAA��NQp�CL�wL��:�L�J#, �XN|
ŶŶŶĴ;SŶŁŶŶŶŊ;ĎŶ#ĴŶŊŴŶĿ##Ŷx~ĿĦŮŶĔŶŀŶ#U8Ŷ#ŶĔŶċŶ;ŊŶŶŊ~ŊŶ;ŶŶŶ;ŊŶĊŶŶĴ,ŊAAAADŶŶŶXV#G#PŶ
A���'6AAAAAAA�NOp�CL�wL��:�L�J#,�xN|
���J:S�L��Yp:p�#J�pW�L##�x~LHU�E�V�#U8�#�E�c �:N��p~p�:���:N����J,pA�A�A�AJA,ApA�AL
A�A�A�A�AHALA�A|A�A�ANAQApA�ACALA�AWALA�A�A:A�A�ALA�AJA#A,A�A�AXANA|
A�A�A�AJA:ASA�ALA�A�AYAPA:ApA�A�A#AJA�APAWA�ALA#A#A�AXA~ALAHAUA�AEA�AVA�A#AUA8A�A#A
�AEA�ACA_A�A�A: ANA�A�A�APA~ApA�A: A�A�A�A�A�A: ANA�A�A�A�AJA, Apa | Y�NQ�C�L�UL�|��L����
                                $#C$$Ci|L#$$$$$LHU$E$\$#U8$#$E$C $0 N$|0\$|
矿 N I�O#�
                # | L�E��
N���#CӜ����������A�A�AJA,ApA�AYA�A:A�A�AJA#A,A�A�A#ASA�A�AJA,ApA�ALA�A�A�A#ALA�AL
AHAŶAŶAŶAŶAŶAŶAJA, ApAŶAYAŶA:AŶAŶA~AJA#A, AŶAŶA#ASA_AŶAŶAŶAJA, ApAŶALAŶAŶAŶAŴA#ALAŶAŶŶŶŶ
AŶA#ASA AAAAADŶŶŶXV#G#PŶAŶŶŶ¹6AAAAAAAŶNOpŶCLŶwLŶŶ:ŶLŶJ#,ŶXN|
���J:S�L��Yp:p�#J�pW�L##�x~LHU�E�V�#U8�#�E�c_�:N��p~p�:���:N�g��J,pA�A�ANAQApA�ACAL
A�AWALA�A�A:A�A�ALA�AJA#A,A�A�AXANA|
AŶAŶAŶAJA:ASAŶALAŶAŶAYAPA:APAŶAŶA#AJAŶAPAWAŶALA#A#AŶAXA~ALAHAUAŶAEAŶAVAŶA#AUA8AŶA#A
H \###; ��U AA� ¡�#��� '�. th��%#AAAAAAD���XV#G#P�A��� '6AAAAAA�NOp�CL�wL��:�L�J#.�xNI
ŶŶŶĴ;SŶĹŶŶŶſĎ;ĎŶ#ĴŶſĬŴĹ##ŶX~ĹĦŮŶĔŶŶŶ#ŨŜŶ#ŶĔŶĊŶ;ŇŶŶŊ~ſŶ;ŶŶŶ;ŇĴŶŶŶŊ;ŶĊ#ŶAAAAĀĎŶŶŶXV#Ġ
#P�A���'6AAAAAA��NOp�CL�wL��:�L�J#,�xN|
ŶŶŶĴ:SŶĿŶŶŶſĎ:ĎŶ#ĴŶſĬŴĹ##ŶX~ĹĦŨŶĔŶŶŶ#ŨŚŶ#ŶĔŶĊŶ:ŇŶŶŊ~ſŶŶŶĬŊŶŶŶŊĬŶŶŶŊĬŶŶŶŊĬŶŶŶ
#AŶAŶALAŶAŶAŶAŁAEA|AŶAŶANAOApAŶACALAŶAWALAŶAŶA:AŶAŶALAŶAJA#A,AŶAŶAXANA|
A�A�A�AJA:ASA�ALA�A�AYApA:ApA�A�A#AJA�ApAWA�ALA#A#A�AXA~ALAHAUA�AEA�AVA�A#AUA8A�A#A
ŶAEAŶACA_AŶAŶA:ANAŶAŶAŶAPA~ApAŶA:AŶAŶAŶAŶAŶA?ANAJAŶAYAŶApA:AŶACA#AŶA|YŶNOŶĊŶĿŶUĿŶ|
                                # | LŶEŶŶ
        ��L��� N | �O#�
                                                 $\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\
        C#�0 N�E�0�
                                c��|
AJAŶAYAŶApA:AŶACA#AŶAŶAYAŶA:AŶAŶA~AJA#A,AŶAŶA#ASAJAŶAYAŶApA:AŶACA#AŶAJAŶAYAŶApA:AŶA
CA#AŶAŶAŶAŶAŶA;AŶACA#AŶAŶAŶALAŶAŶAŶAŶAŶALAEAŶŶ;Ŷ#ŶŶŶLŶŶ#FŶLAŶAŶAŶA;AŶACA#AŶAŶALAŶAŶAŶALA
AEAAAAAD���XV#G#P�A���'6AAAAAA��NOp�CL�wL��:�L�J#,�xNI
���J;$�L��Yo;p�#J�p\��L##�x~LHU�E�V�#U8�#�E�C �;N��p~p�;���;N�Y�p;�C#�A�A�ANAOApA�A
CALAŶAWALAŶAŶA:AŶAŶALAŶAJA#A,AŶAŶAXANAI
AŶAŶAŶAJA:ASAŶALAŶAŶAYADA:ADAŶAŶA#AJAŶADAWAŶALA#A#AŶAXA~ALAHAUAŶAEAŶAVAŶA#AUA8AŶA#A
ŶAEAŶACA AŶAŶA:ANAŶAŶAŶAŶAŊA-ADAŶA:AŶAŶAŶAŶAŶAŶAŶAŶAYAŶADA:AŶACA#AŶA6!AAAAA!ŶAAAA
���J:S�L��Yp:p�#J�pW�L##�x~LHU�E�V�#U8�#�E�c_�:N��p~p�:���:N:Y~��x�#��AAAAD���Xv#G
#P�A���'6AAAAAA��NQp�CL�wL��:�L�J#,�xN|
ŶŶŶĴ;SŶĿŶŶŶſŎ;ĎŶ#ĴŶĎŴĹ##ŶX~ĿĦŨŶĔŶŶŶĦŨŔŶĦŶĔŶĊŶ;ŇŶŶŎ~ĎŶ;ŶŶŶĎ;Ň;Ŷ~ŶŶXŶĦŶŶŶŶŶAŶŶŶAŚŎĸŔŶĸĦĸ
                ApA�A, ALA�A|A�A�A�ANAQApA�ACALA�AWALA�A�A:A�A�ALA�AJA#A, A�A�AXANA|
AŶAŶAŶAJA:ASAŶALAŶAŶAYADA:ADAŶAŶA#AJAŶADAWAŶALA#A#AŶAXA~ALAHAUAŶAEAŶAVAŶA#AUA8AŶA#A
ŶAEAŶACA AŶAŶA:ANAŶAŶAŶAŶAŶAPAA-ApAŶA:AŶAŶAŶAŶAŶA.ANA:AYA-AŶAŶAXAŶA#AŶAŶAŢŶNOŶĊŶĿŶUĿŶĹ
                                                 ��L�♥♥ N | �0#�
                                # | L�E��
                        $$|$$|
        C#�O N
ŶŶ#A:AYA~AŶASAXAŶA#AŶAŶAŶAŶAŶAŶAŶA`A.AŶAŶA~AJA#A.AŶAŶA#ASA:AYA~AŶASAXAŶA#AŶAŶA;AYA~AŶASAX
ADAQA, ALAQAAAAADQQQQX/#G#PQAQQQ\GAAAAAAAQNQDQCLQWLQQ;QLQJ#,QXN|QQQJ;SQLQQYD;
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A:A�A�ALA�AJA#A,A�A�AXANA|
AŶAŶAŶAJA: ASAŶALAŶAŶAYADA: ADAŶAŶA#AJAŶADAWAŶALA#A#AŶAXA~ALAHAUAŶAEAŶAVAŶA#AUA8AŶA#A
�AEA�ACA A�A�A; ANA�A�A�ADA~ADA�A: A�A�A�A�A.ANA: AYA~A�A�AXA�A#A�A�A�AAAAAAAAAAAAAAA
&baaabaalbaa6aaa�baa##aanaaaaaxbaaaaxbabaaa@#baa#baal�aa&�aa6aaa6aaa�#aa##aax#aaa�aaaa
AAnAAAAAA#!AAAAAXX!
#b�b���èr�#��!?n�n#nTn�����������####�#�#����
��#!! #m#�! �! 8! �! kd�d�d#ded�d�d! �m�]�]�]#]n#�#�###�# �#
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%ŶAŶ#bAt
%ŶAŶnbAŶSAAŶAbA.SŶAŶ6#AAAIAtAkA####1#OŶv:MIŶ######VŶŶŶŁAAA]AAAŶ#nA##AAŶAŶAŶAŶAŶ
                                          A | A#AEA�A�ALA�A�A
          6 | Y@NQ@c@L@UL@1
                                ��L�Ÿ�Ł N | �Q#�
                                                                # | L�E��
                                                                                      Ŷ#CŶŶĊijĹ#ŶŶŶŶĹĦŨŶĔŶVŶ#U8Ŷ#ŶĔŶĊŶŶ
          N�|0√�|
                                c#�Q N
                                                     #ŶVŶŶŶAAAAADŶŶŶXV#G#PŶAŶŶŶ\6AAAAAAŶNOŶĊŶĿŶŨĿŶ|
          ��L��� N | �� O#�
                                          # | L�E��
                                                                �#C��ci|L#����LHU�E�V�#U8�#�E�C �O N�|OV�|
          c#�ℚ
#,�xN|
���J:S�L��Yp:p�#J�pW�L##�x~LHU�E�V�#U8�#�E�C_�:N��p~p�:���:N:�YJ#pJ:�AQAJA�AJA�A�A�
AŶALA ADAŶAŶAŶAŶAAAADŶŶŶXV#G#PŶAŶŶŶ¹6AAAAAAAŶNOŶĊŶĿŶUĿŶĹŶĹŶĹŶĸŶŦŊĹŶŎŦ
L�E���#c��cj|L#����LHU�E�V�#U8�#�E�c_�O N�|Oy�|
                                                                                                c#Ŷ0
          NŶſ#ĊĸŶĸŶĸŶĸŶĸŶĸĴĸ, ApĸŶĸĹĸŶĸŶĸŶĸŶĸŶĸŦĹĸŶĸĬŢŶŊŎŶĊŶĹŶŨĹŶĬŶŶĹŶſŶŶĬŶŊĬŶŎĦŶ
LŶEŶŶŶ#ĊŶŶċ|L#ŶŶŶŶLHUŶĔŶVŶ#U8Ŷ#ŶĔŶĊŶO NŶ|OYŶ|
                                                                                                C#Q NQG#CXQA|YQNQQCQLQULQI
                                          # | L�E��
          $\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\c\phi\
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A�AOA#A�A
ALA#AŶAŶAŶAŶALAHAUAŶAEAŶAVAŶA#AUA8AŶA#AŶAEAŶACA AŶAOAANAŶA|AOAŶAŶAŶA|A ACA#AŶAOA
                     A#AŶAŶAŶAŶAŶA
                                                     A AKA | AEA
                                                                          A | A#AEA�A�ALA�A�A
          ANA
%ALA9ALAUAPA#A�ALAEAPA�A�A#APA�A�ALA�AXAKA�A�AYAYAPA�A�A�ALAYA�A�A�APA:ASA6T���!
  A PAPALA PAPAPAPAPAPAPANA I A PAPAPA
          A#A I ALA PAEA PAPA A PA#ACA PAPACA PAPA I
ALA#AŶAŶAŶAŶALAHAUAŶAEAŶAVAŶA#AUA8AŶA#AŶAEAŶACA AŶAOAANAŶAIAOAŶAŶAŶAŶAIA ACA#AŶAOA
          ANAŶAŶAŶA#ACAŶAŶAŶAĴAŢAŶAŶAŶAŶANAOAŶACAŶALAŶAUALAŶAŢA
          AŶAŶALAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŊAŢĄŶAOA#ĀŶA A#AŢĄLĄŶĄEĄŶĄŶĄ AŶA#ĄĊĄŶĄŶĄĊĄŶĄŶĄ
ALA#A�A�A�A�ALAHAUA�AEA�AVA�A#AUA8A�A#A�AEA�ACA A�AOAANA�A|AOA�A�A�A|A ACA#A�AOA
          �;�Y�:�~J#,��J�AAAAA����XV#G#P�A���'6AAAAAA�NO��CL�wL��:�L�J#,�xN|
���J:S�L��Yp:p�#J�pW�L##�x~LHU�E�V�#U8�#�E�c_�:N��p~p�:���:N:�YJ#pJ:�AQAJA�A�A�
                                                                ��L�¼È N | �Q#�
AŶALA ADAŶAŶAŶAŶAŶAŊŶNOŶĊŶĿŶUĿŶĬ
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                                                     N�|Q√�|
L#����LHU�E�V�#U8�#�E�c_�Q
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                                                                                                #����AL
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          AŶA#ACAŶAŶACAŶAŶA|ALA#AŶAŶAŶAŶAŶAŶALAHAUAŶAEAŶAVAŶA#AUAŠAŶA#AŶAEAŶACA AŶAOA
          ANAŶA|AOAŶAŶAŶA|A ACA#AŶAOA
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                                                                ANA
          AŶAŶA: AKAŶAŶAZŶŶŶŶŶT6KA | AEA
                                                                A | A#AEA�A�ALA�A�A
%ALA9ALAUADA#AŶALAEADAŶAŶAŶA₩ADAŶAŶALAŶAŶAXAKAŶAŶAYAYADAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶ
AAAAA! ŶAAA[Ŷ|H\##;ŶŶU!ŶAA6|AAAAA!ŶAAA[Ŷ|H\##;ŶŶU!ŶAA6|AAAAA!ŶAAA[Ŷ|H\##;ŶŶU!ŶAA6]
AAAA! �AA � | H™##; ��U! �AAZ������! ' �T#F (��x�#G`ABA�AWA�ABA#ABA%AJA#A
AŶAŶA;A;AKĀŶAŶAŶAŶA%AKA8A%AŶAŶA#AKAŶAŶAĴAŶAQAŶAĴA
AŶA; AŶAYAŶA: AŶAŶA~AJA#A, AŶAŶAŶAŶAŶAŶAĴAŶAŶA/?ŶŶŶŶT6#ŶŶŶŶŦſĠŶŶ#:ŶŶV2ŶĊŶO: AAAAŶ
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^#A�A�A�ALAYA�A#A:ApA:ASALAQAJA�A�A�A�A�A:A�ALAJA:A�ALA�A�A�A�A�A�A�AdA�AdA�A+AxA�A�A
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LAJALAWA#APA�A: A�A�ACALA#A�AYAPA: A�A�A#ALA�A�AJA�ALA�A�ALAUAPA#A�ALAEAPA�A�A#APA� A�ALA�AXAKA�A�AYAYAPA�A�A�A�ALAYA�A�A�APA: ASALAPA�ALAKA�A�ALAKA�A�A: A�A�A�AJACALA �A�A

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���J:S�L��Yp:p�#J�pW�L##�x~LHU�E�V�#U8�#�E�c_�:N��p~p�:���:N:�YJ#pJ:�AQAJA�AJA�A�A� A�ALA ApA�A�A�AAAAD���XV#G#P�A���'6AAAAAA�NOp�CL�wL��:�L�J#,�XNI

���J:S�L��Yp:p�#J�pW�L##�x~LHU�E�V�#U8�#�E�c_�:N��p~p�:���:N:�YJ#pJ:�A|

A PAPA A

ADAŶAŶAŶAŶA:AŶAŶAJAŶAJAŶAŶAŶAŶAŶAYAŶA:AŶAŶA~AJA#A,AŶAŶA#ASA:AŶAŶAJAŶAJAŶAŶAŶAŶAŶAŶAYAŶA:A ŶAŶA~AJA#A,AŶAŶA#ASALA#VŶLŶŶ}Ŷ#ŶſŔD#ĤAŶ

ACANA; AFAFAUAŶAŶAŶAŶAŶANA#AŶA; A; A#A8AFAŶAŶA#AŶAPAŶA: ANAŶAŶA#AŶAPAŶA: ALA; AŶAŶA#ALAHAVA XAPAŶAŶALA; A; AŶAŶAŶA#A_AŶALA#AŶAJASAŶANA#AŶAŶA: AŶA: AŶAŶA#A: AJAŶAQAŶAŶA| AŶA; AŶAYAŶA: AŶAŶA~AJA#A, AŶAŶAŶAŶAJAŶA#AŶAZA; A#AŶA#AŶA; A#A#AŶA; A#A#AŶA; AŶAŶAFAŶAŶAŶA

A`A�A�A�A:A�A#APA:ASA�AHA�A#APA:ASA�AHA�A#APA:A\$A�A#APASAPA:AJA�A�A�A#APA:ASA�AHA�A�A#APA:A

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%A;A$ALA$A$A$ADA$ADA$A:ANA$A$A$A$A$A$A$A$ALACACA~A$ANA$A$AHA$A$AAAAAALALALALALALA\A\A\A
A#AŶA#AŶA#ADA: ASAŶAŶAŶAŶAŶAŶAŶAŶAŶA
LALALA`AŶAŶA#AŶAŶAdAŶALALA`AŶAŶA#AŶAŶAŴAdAŶA`AŶAŶA#AŶA#AŶA#AŶAŶAOAJA#AŶAŶAŶACAJA#AŶAŶA
AOAJAŶAŶAŶA#ADA;AŶAFAŶAŶAŶAŶAJA,ADAŶALAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶA
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#6LbAAŶĬŶAŶbAAŶĬŶ&&bAAbŶAŶ#AAŶ&#AA! ŶAŶbAAnŶA#bAAŶŶbAbŶAAŶŶbA,OAA-ŶAXbAA?
$#6A$AA$$#6L$AA$$#6$$AAI$#AAAAA#]$A&$AAD]#6$AAU]bA6AAA*##6$$AA^#bAbAAA$#$AA$#$AA$#bA=
==-$#$AX$AA$#$A#$AA###6A!AA##6L!AA*##6$!AA*##6&!AA^##A6AAA$$#A6AAA>$A$!AA$$bA$
    AA#�bA#�AA�A#!AA��#6X!AA��A#!AA/�#6AnAA��bA�A���ALnAA?
��A�nAA @A&nAA���A�nAA#��A#nAA;��AXnAA�A#nAAj�AA�AA�AA�AA
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d�d�����]:]R]�#�#+#�#�#�#�#�#�#���\�`*�c51����������������!
[�#######�]`A�A�AYA�ALAWA�A#A�ADA�A;A�A#A�ALA�A:A�A�A;A�AAA;A�A�AA;A�AAA;A�AAA;A�AAA;AAA�AAA�AAA�AA
ŶA�A�A�A�A`A|
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LALA`A|AYAJApAŶAŶAŶAŶAdAŶALALALALA`A|AYAJApAŶALA#AŶAJA#AŶAŶA;AŶAŶAŶANAŶAŶASA
AŶALAŶAŶAŶAŊAŶAŊAŶA; ANAŶAŶAŶAŶAŶAŶAŶAŶAĠAĠAĠALALALALALALA
AYAJApAŶA#AÒA:ASAŶA:AŶAŶAJAŶAJAŶAĴAŶAŶAŶAŶAŶA·AŶAŶA~AJA#A,AŶAŶA#ASA`AŶA
AYAJADAŶA#AŶA#ADA: ASAŶAdAŶALALALALA`AŶA|AYAJADAŶAŶAdAŶALALALALA`A|
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A#AŶALAŶAŶAŶAŶAŊAŶAŢAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶA
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AŶALAŶAŶAŶAŊAŶAŊAŶA:ANAŶAŶAŶAŶAŶAŶAŶAŶAdAŶALALALALALA\A\A\
AYAJADAQA#AQA#ADA: ASAQAdAQALALALALA`AQA|AYAJADAQAQAdAQALALALALA`A|
LALALALALALA`A | AYAJADAŶA#AŶA#ADA; ASAŶA~AŶAŶAŶAŶAĴA, ADAŶAŶAŶAŶAŶAŶAĴAŶAŶAŶAŶAŶAŶAŶA
AYAJADAŶA#AŶA#ADA: ASAŶAdAŶALALALALA`AŶAIAYAJADAŶAŶAdAŶALALALALA`AI
LALALALALA`A|
AYAJADAŶA#AŶA#ADA:ASAŶAJAŶAYAŶADA:AŶACA#AŶAŶAYAŶA:AŶAŶA~AJA#A,AŶAŶA#ASA`AŶA|
AYAJAPA®A#APA: ASA®AdA®ALALALA` A®A|AYAJAPA®ACALALALALA` A|
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%A; AŶALAŶAŶAŶAQAŶADAŶADAŶA; ANAŶAŶAŶAŶAŶAŶAŶAŶA
AYAJADAŶA#AŶA#APA: ASAŶA#AŶAŶAWAŶA#AŶADAŶAYAŶA: AŶAŶAWADA#AŶAŶAŶA#ASA`AŶA|
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%A;AŶAŶALAŶAŶAŶAŊAŶAŊAŶAŊAŶA;ANAŶAŶAŶAŶAŶAŶAŶAĠAHALALALALALALA `A|
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%AŶA#AŶALAŶAŶAŶAŶAPAŶAPAŶA!ANAŶAŶAŶAŶAŶAŶA#AŶAŶAdAŶALALALALALALA`A|
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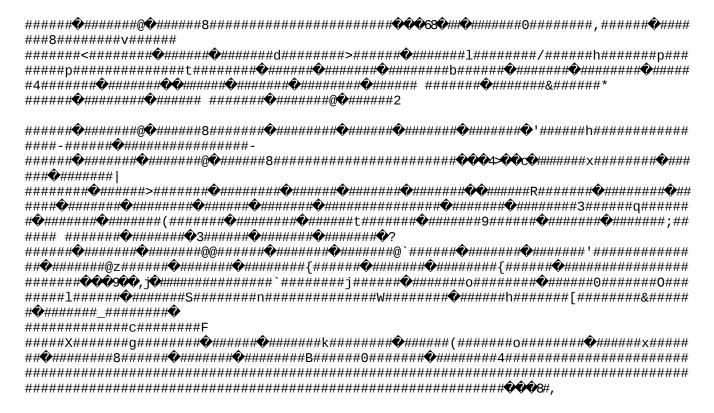
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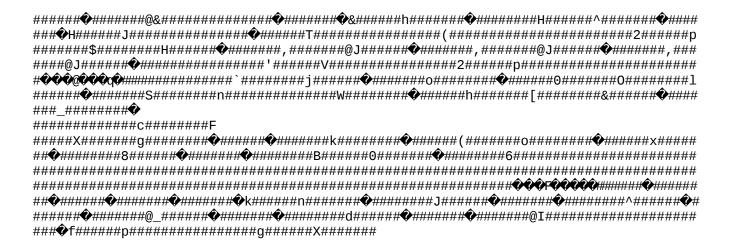
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#**�**5**�**DW########2



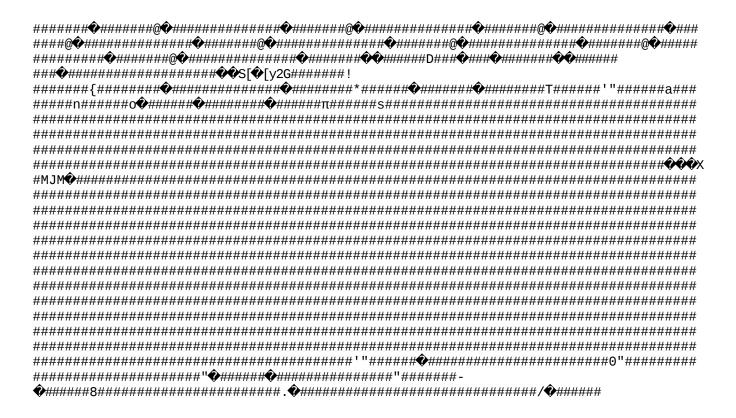
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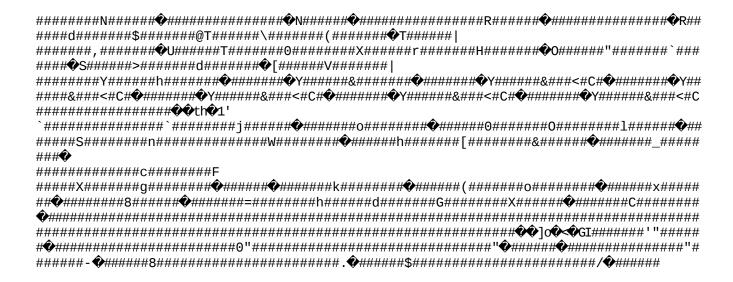
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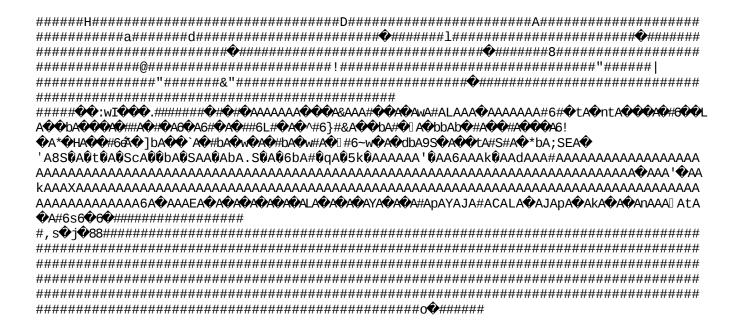


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AŶA; AŶAYAŶA: AŶAŶA~AJA#A, AŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶPŶCŶAŶAŶAŶAŶA

AŶALA#AXAKA9AQAŶAYAYAPAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶA

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ŶACAŶ#AAŶAŶAŶ#AAŶAŶAŶ#AAŶA#AŶ#AAŶAŶAŶ#AAŶAŢA
#AAŶAŶAŶ#AAŶAŶAŶA##AAŶAŶAG#AAŶA'A'A'A\ŶAQA%#AAŶAŶAŶ#AAŶA#AQ#AAŶArAE#AAŶAŶA]
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AŶAŶAŶAHAŶAŶACA~AŶA~A#ApAWAJAŶAŶAŶO#AAAŶAŶACAŶAŶAHAŶAŶA+AAAŶA9AYAŶA9AŶAŶAŶAŶAŶAŶA
ŶA9AŶA#ASAJA:ApAŶAJAŶApAŶA:A9AJAXAŶAŶAŶAŶAŶAYAJApA:A#AAAŶA#AŶA~AŶA#AŶACA|
ŶADAŶA:AŶA:AŶAŶAŶAŶACA#AJAŶA,ADA:ASA
AŶALAAAEAŶAŶAŶAŶAŶAŶAŶAŶAŶAJA:ASAXAJASAŶAŶAAAŶA9AWApA#AXAŶA9AŶAJA:A:AŶAŶAŶAJAA;A
JA#A#AJA�AXA�AJA9AXA#A�A�A�A�A�AJA�ASA9A�A#ApASA9A�AXAKA#A�AAA�A9AKAJA#A#AJA�AXA�AJ
A9A�A�AJA#A�A9A�AQAYA�A1AAA�A9AkAJA#A#AJA�AXA�AJA9A�A$A:A:A�A�A�A�AA�AA�AJA�ASA9A�A
ŶADAŶAŶAŶAŶAŶAŶABAAŶABAKAJA#A#AJAŶAXAŶAJABAŶA:AWAŶAŶAŶADAWA#AŶAYAVAAAŶABAYAŶAB
AŶAŶAŶAŶAJA:ASAŶA9AŶA#ASAJA:ApAŶAJA�QAQAŶA:A9AJAXAŶAŶAJAŶA+AAAŶA9AYAŶA9AŶAŶAŶAŶAŶAJA:A
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AYAJADAŶAŶAHAAAŶAYAŶA|AŶAŶA₩AJAŶAŶAŶAŶAŶAŶAŶAQAŶA;AŶAJAŶAŶAŶALAAAŶAYAŶA|
JAŶAŶAŶAŊ₽ĠŶA#AŶAŶAŶAŴAWAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAĴA; ASAŶAŶA#AXA; A, AŶAŊAŊAŊAŶAŶAWAŶAŶAŴAĴ
ŶAJA: ASAŶA9AŶA#ASAJA: ApAŶAJAŶApAŶA: A9AŶAŶA~A9AŶAŶA: AŶAŶA#AŶAWAŶA#A#ApAŶAŶA#AXAŶAŶAp
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| �ApA�A:A�AA�A~A~A#A�AWAJA�AEA�A�APA�ApA�AJA,A�A#AAAHAAA�A~A~A#A�AWAJA�AEA�A�Ap |
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| ŶAGAU AŶDŶA#AŶAŶDAŶA`AŶ]ŶA%AŶAŶŶŶAAHAŶ#ŶAVAŶAŶn#AKAŶA6d#AŶA#A6ŶA~AEAŶŶ#6ŶA#AŶ |
| 'AbÛAÛ ÛAÛÛÛAÛ#ÛANÛLAÛÛbAÛÛ#AÛÛbAÛÛ#AÛÛbA5ÛÛAÛ#bAÛÛAÛÛ#6#ÛÛAÛÛ LAÛÛQAÛ^#6ÛÛÛAÛ5bAÛÛ |
| ~A\$G#6`\$\$A\$\$#6N\$A\$\$bA\$\$7A\$#\$A\$#\$A\$\$bA\$\$#\DA\$#\$A\$\$bAM#\$A\$LbA<#\$A\$\$bA2#\$A\$#\$A\$#\$A\$t#6##\$A\$1 |
| #6*#\Q\Q\Q\D\A\\Q\Q\D\A\\Q\Q\D\A\\Q\Q\D\A\\Q\Q\D\A\\Q\Q\D\A\\Q\Q\D\A\\Q\Q\D\A\\Q\Q\D\A\\Q\Q\D\A\\Q\Q\D\A\\Q\Q\D\A\\Q\Q\D\A\\Q\Q\D\A\\Q\Q\Q\Q |
| \$#\$\$(A\$}bA*\$MA\$\$#At\$\$A6? |
| #A��.`A6�DA^�#A��#65�#A�H#A��A6_�A��A��DAG�yA�ĪA��HA��\$A69�A- |
| ��A�; bA��A�BbA��HA��bAV�HA��A�A�A |
| Á PA PA PA PA PARA A RABARA A |
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| ASAŶA:AŶAJAŶAŶAŶAŶAJA, ApAŶALAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶ |
| LA9ALA+AxA:A�ALA |
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| ASAŶA:AŶAJA66TŶŶĦŶŶĨŶŶŶŶŖŶĨŶĿ6LŶ6EtxQAJA#AŶAŶAŶA.AŶALAŶAŶAQAJAŶAŶAŶA#ApA:AŶAŶAŶ |
| AŶA:AŶACA#AŶAŶALAŶAŶAŶAŶAŶALAEAFAQAJAŶAJAŶAŶAŶAŶAŶALA ApAŶAŶAŶAŶAŶA |
| AŶAUA;AŶA9A#AEA AVA9AŶAVAŶAŶA9AŶA#AŶAŶAŶAŶAŶAŶAŶAŶAŶAŶA |
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%A8AJAŶAŶAŶAŶAWAŶAWAŶAWAŶAWAŶAŶA AŶAKA AKAŶA;AŶAKA A AŶAŶAŶAQAŶAŶA

AŶA; AŶAYAŶA: AŶAŶA~AJA#A, AŶAŶAŶAŶAŶAŶAŶAŶAŶAŶFDŶVŶ!ŶVPŶCŶAŶAŶAŶAŶA

AŶALA#AXAKA9AQAŶAYAYAPAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶA

%ALAŶALAŶA-AYALA9ALAUAPA#AŶALAŶAŶAYAPA:APAŶAŶA#AJAŶAPAŶA:ALA9ALAŶA#AŶA~AŶAŶAŶAŶAŶAŶA ASAŶA:AŶAJAQAJAŶAJAŶAŶAŶAŶAŶA

%ALA9ALAUAPA#AŶALAEAPAŶAŶA#APAŶAŶALAŶAXAKAŶAŶAYAYAPAŶAŶAŶAŶAŶAŶAŶAŶAŶAPA:ASA6TŶŶŶ! '`ŶT#f(ŶŶXŶ#gŶAŶAŶA:AŶACA#AŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶAŶA\$AXAŶA#AŶAŶAŶALA

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#B bDb�b����_�L\!�!�n�n#n#���û#�����]#%#�#{#�##�a�)�J###7#�B UB�B #B�B``d�d#dDd
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�ALA�AAAAAA##AA*�AA6AAA##AAX#AA*��D�qT6:D�qT6#XAA&bAA�bAAAAAAAAAAAAAbAALbAA#AAA^��D
��*�##�ALA�AAAAAAXbAA*�AA6AAAA�AA#bAAX#��GgT6�E�#GgT6��A&�AAAAAAAAAAAAAAL�AA��A#b
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AAAAAA��#n��AAA6AbA/AA##6##AAb##6��AA�A##6#���A6##6��AA###6##AAb##6X#AA�##6
#taa!##6&�aan##6##aa###6�#aad##6��aa]##6&taa�##6&�aa�##6a|aa�##6xtaa5##6&!
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##6��AA;##6A�AA8##6&#AA�##6�#AA�##6L�AA�##6LnAA�##6&�AA%##6��AA
##6X6AA�##6L�AAN##6#]AA�##6�]AA�##6�tAA�##6X�AAV##6XnAAQ##6A]AAE##6L]AA|
##6#�AA###6AtAA###6�tAA+##6#bAA�##6��AA�##6�]AA###6#]AA�##6XJAA�##6L�AA�##6#!
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##6AbAAS##6##AA�##6A*AAp##6L*AA###6#�AA,##6�#AA�##6�*AAY##6#*AA~##6�nAA�##6#�AA###6
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6LII AAX##6�II AA�##6�DAA�##6&II AA###6&] AA7##6�6AAI##6X�AA###6#�AAj##6&6AA�##6#�AA)##6#6
AA3##6�*AA�##6#AAA�##6A!AA1##6�] AA�##6#6AA�##6�A@##6X] AAT##6�AA�##6L!
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0AA[] A*At#AA�AtA�0AA[] A�A~#AA�A^A�#AA�A5Ab#AA�A�A##A��A�A��A�A�A�AA[]
�AA�A�A�A�A�A�A 6AA#A-A6�AA�A�A�A�A�A�A�A#ALA�6AA#A}A�6AA�A�A�A�A�A *A?
A[] #AA#A�A�#A#A#A#A1A##AA#A�A�#AA#A1A##AA#A�A�bAA#A�A�bAA#A�A�bAA#A�A�bAA#A�A�b
%AŶ#AAŶAŶAŶ#AAŶA AŶ#AAŶAŶA##AAŶAFAI AAŶA`AŶ!AAŶANAŶ!AAŶAŶA#!AAŶAŶA'!AAŶAŶA
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AŶAŶAŶAJA:ASAŶA9AŶA#ASAJA:APAŶAJAŶAPÁŶA:A9AŶACAŶA#AJAWAŶAŶAPA:A,AŶA9AŶA#AŶAQAŶA:AŶA JAPA:AŶA#A9A#APASA:AJAŶAXA#AŶAŶAAAŶA:AŶAPAŶA~AJAYAŶA:AJAXAŶAŶAŶA?AAŶAŶAJAŶAŶAJAŶAŶAŶA A:AŶAŶA#AAAŶAAAŶAPAJAŶA:AUA#AŶAYAAA^AAAYAŶAPA~AŶAŶAJAKAŶAŶAŶAAAŶAAŶAAŶAŶAŶAJAŶAŶAJAŶAŶAYAŶA :AŶAŶA#AŶAWAPAŶAŶA#A|

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